

Phenotype of Unicorn	Color of Real Horse	Possible Foal colors (gen. descriptions)	Possible Genotype*:
<p><b>Red</b></p> <p>Possible genotypes*: (FF R_ bb yy) (FF R_ bb yy FfI) if carrying a hidden flaxen gene</p> <p>Bright Red is red over chestnut base. Dark Red is red over the black base. Bays can express the dark/light aspect variably depending on the genes involved.</p>	Chestnut (ee)	Bright Red	(Ff Rr bb yy ee)
	Flaxen ch. (ee FIFl)	Bright Red with lighter mane or just Bright Red	(Ff Rr bb yy ee FIFl) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Red bay or Dark or Bright Red	(Ff Rr bb yy A_ E_) (Ff Rr bb yy aa E_) Dark (Ff Rr bb yy aa ee) Bright
	Black	Black with Red tint or points or Dark Red	(Ff Rr bb yy aa E_) (Ff Rr bb yy aa ee)
	Champagne - “Golden” or champagne sheen to the red. This could give the coat a true “golden red” or brassy look! Champagne is not double-expressed.		
	Gold [chestnut]	Golden red	(Ff Rr bb yy aa ee Ch_)
	Amber [bay]	Honey red with brown points	(Ff Rr bb yy A_ E_ Ch_)
	Classic [black]	Deep reddish-gray with dark dove gray points	(Ff Rr bb yy aa E_ Ch_)
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy red, the coat could look pink or “milky” red.		
	Palomino [chestnut]	Soft or “creamy” bright red with pale mane/tail	(Ff Rr bb yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Buckskin [bay]	Soft or “creamy” dark red with black-brown points	(Ff Rr bb yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Cremello/Perlino	Pale, almost white red	(Ff Rr bb yy aa ee C <sup>cr</sup> C <sup>cr</sup> ) or (Ff Rr bb yy A_ E_ C <sup>cr</sup> C <sup>cr</sup> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	Strawberry red with red points & primitive marks	(Ff Rr bb yy aa ee D_)
	Bay dun [bay]	Dull red with black points & primitive markings	(Ff Rr bb yy A_ E_ D_)
	Grullo [black]	Dull grayish-red with black points & primitive markings	(Ff Rr bb yy aa E_ D_)
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	Strawberry red or pink with a red head, legs and m/t	(Ff Rr bb yy aa ee R_)
	Bay Roan	Dark red with black points; head and legs will be darker than the rest of the body	(Ff Rr bb yy A_ E_ R_)
	Blue Roan	Steele-gray reddish-purple with dark	(Ff Rr bb yy aa E_ R_)

		gray/black head, legs and m/t	
<p><b>Blue</b></p> <p>Possible genotypes*: (FF rr B_ yy)  (FF rr B_ yy Flfl) if carrying a hidden flaxen gene</p> <p>Bright/Light Blue is blue over chestnut base. Dark Blue is blue over the black base. Bays can express the dark/light aspect variably depending on the genes involved.</p>	Chestnut (ee)	Bright/Light Blue	(FF rr Bb yy ee)
	Flaxen ch. (ee FIFl)	Bright/Light Blue with lighter mane or just Bright/Light Blue	(FF rr Bb yy ee FIFl) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Blue bay or Dark or Bright/Light Blue	(FF rr Bb yy A_ E_)  (FF rr Bb yy aa E_) Dark  (FF rr Bb yy aa ee) Bright
	Black	Black with Blue tint or points or Dark Blue	(FF rr Bb yy aa E_)  (FF rr Bb yy aa ee)
	Champagne - “Golden” or champagne sheen to the blue. This could give the coat a “golden blue” look! Champagne is not double-expressed.		
	Gold [chestnut]	Golden blue	(FF rr Bb yy aa ee Ch_)
	Amber [bay]	Honey blue with brown points	(FF rr Bb yy A_ E_ Ch_)
	Classic [black]	Deep bluish-gray with dark dove gray points	(FF rr Bb yy aa E_ Ch_)
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy blue, the coat could look baby blue or “milky” blue.		
	Palomino [chestnut]	Soft or “creamy” bright blue with pale mane/tail	(FF rr Bb yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Buckskin [bay]	Soft or “creamy” darker blue with black-brown points	(FF rr Bb yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Cremello/Perlino	Pale, almost white blue	(FF rr Bb yy aa ee C <sup>cr</sup> C <sup>cr</sup> ) or (FF rr Bb yy A_ E_ C <sup>cr</sup> C <sup>cr</sup> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	Baby blue with blue points & primitive marks	(FF rr Bb yy aa ee D_)
	Bay dun [bay]	Dull Blue with black points & primitive markings	(FF rr Bb yy A_ E_ D_)
	Grullo [black]	Dull grayish-blue with black points & primitive markings	(FF rr Bb yy aa E_ D_)
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	Baby blue or sky blue with a blue head, legs and m/t	(FF rr Bb yy aa ee R_)
	Bay Roan	Dark blue with black points; head and legs will be darker than the rest of the body	(FF rr Bb yy A_ E_ R_)

	Blue Roan	Steele-gray blue with dark gray/black head, legs and m/t	(FF rr Bb yy aa E_ R_)
<p><b>Yellow</b></p> <p>Possible genotypes*: (FF rr bb Y_)</p> <p>(FF rr bb Y_ FfI) if carrying a hidden flaxen gene</p> <p>Bright/Light yellow is yellow over chestnut base. Dark yellow is yellow over the black base. Bays can express the dark/light aspect variably depending on the genes involved.</p>	Chestnut (ee)	Bright/Light Yellow	(FF rr bb Yy ee)
	Flaxen ch. (ee FfI)	Bright/Light Yellow with lighter mane or just Bright/Light Yellow	(FF rr bb Yy ee FfI) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Yellow bay or Dark or Bright/Light Yellow	(FF rr bb Yy A_ E_) (FF rr bb Yy aa E_) Dark (FF rr bb Yy aa ee) Bright
	Black	Black with Yellow tint or points or Dark Yellow	(FF rr bb Yy aa E_) (FF rr bb Yy aa ee)
	Champagne - “Golden” or champagne sheen to the yellow. This could give the coat a deep golden look! Champagne is not double-expressed.		
	Gold [chestnut]	Golden yellow	(FF rr bb Yy aa ee Ch_)
	Amber [bay]	Honey yellow with brown points	(FF rr bb Yy A_ E_ Ch_)
	Classic [black]	Deep yellowish-gray with dark dove gray points	(FF rr bb Yy aa E_ Ch_)
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy yellow, the coat could look white-yellow or “milky” yellow.		
	Palomino [chestnut]	Soft or “creamy” bright yellow with pale mane/tail	(FF rr bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Buckskin [bay]	Soft or “creamy” darker yellow with black-brown points	(FF rr bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Cremello/Perlino	Pale, almost white yellow	(FF rr bb Yy aa ee C <sup>cr</sup> C <sup>cr</sup> ) or (FF rr bb Yy A_ E_ C <sup>cr</sup> C <sup>cr</sup> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	White-yellow with yellow points & primitive marks	(FF rr bb Yy aa ee D_)
	Bay dun [bay]	Dull Yellow with black points & primitive markings	(FF rr bb Yy A_ E_ D_)
	Grullo [black]	Dull grayish-yellow with black points & primitive markings	(FF rr bb Yy aa E_ D_)
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	White-yellow with a yellow head, legs and m/t	(FF rr bb Yy aa ee R_)
	Bay Roan	Dark yellow with black points; head and legs will be darker than the rest of the body	(FF rr bb Yy A_ E_ R_)

	Blue Roan	Steele-gray yellow with dark gray/black head, legs and m/t	(FF rr bb Yy aa E_ R_)
<p><b>Orange</b></p> <p>Possible genotypes*: (FF R_ bb Y_) (FF R_ bb Y_ FfI) if carrying a hidden flaxen gene</p> <p>Bright/Light orange is yellow and red over chestnut base. Dark orange is yellow and red over the black base. Bays can express the dark/light aspect variably depending on the genes involved</p>	Chestnut (ee)	Bright/Light Orange	(FF Rr bb Yy ee)
	Flaxen ch. (ee FIFl)	Bright/Light Orange with lighter mane or just Bright/Light Orange	(FF Rr bb Yy ee FIFl) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Orange bay or Dark or Bright/Light Orange	(FF Rr bb Yy A_ E_) (FF Rr bb Yy aa E_) Dark (FF Rr bb Yy aa ee) Bright
	Black	Black with Orange tint or points or Dark Orange	(FF Rr bb Yy aa E_) (FF Rr bb Yy aa ee)
	Champagne - “Golden” or champagne sheen to the Orange. This could give the coat a golden tangerine look!		
	Gold [chestnut]	Golden Orange	(FF Rr bb Yy aa ee Ch_)
	Amber [bay]	Honey Orange with brown points	(FF Rr bb Yy A_ E_ Ch_)
	Classic [black]	Deep Orange -gray with dark dove gray points	(FF Rr bb Yy aa E_ Ch_)
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy orange, the coat could look white-orange or peach.		
	Palomino [chestnut]	Soft or peach with pale mane/tail	(FF Rr bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Buckskin [bay]	Soft or “creamy” darker Orange with black-brown points	(FF Rr bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Cremello/Perlino	Pale, almost white Orange	(FF Rr bb Yy aa ee C <sup>cr</sup> C <sup>cr</sup> ) or (FF Rr bb Yy A_ E_ C <sup>cr</sup> C <sup>cr</sup> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	White- Orange with Orange points & primitive marks	(FF Rr bb Yy aa ee D_)
	Bay dun [bay]	Dull Orange with black points & primitive markings	(FF Rr bb Yy A_ E_ D_)
	Grullo [black]	Dull grayish- Orange with black points & primitive markings	(FF Rr bb Yy aa E_ D_)
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	White- Orange with a Orange head, legs and m/t	(FF Rr bb Yy aa ee R_)
	Bay Roan	Dark Orange with black points; head and legs will be darker than the rest of the body	(FF Rr bb Yy A_ E_ R_)

	Blue Roan	Steele-gray Orange with dark gray/black head, legs and m/t	(FF Rr bb Yy aa E_ R_)
<p><b>Green</b></p> <p>Possible genotypes*: (FF rr B_ Y_)</p> <p>(FF rr B_ Y_ FfI) if carrying a hidden flaxen gene</p> <p>Bright/Light Green is yellow and blue over chestnut base. Dark Green is yellow and blue over the black base. Bays can express the dark/light aspect variably depending on the genes involved</p>	Chestnut (ee)	Bright/Light Green	(FF rr Bb Yy ee)
	Flaxen ch. (ee FIFl)	Bright/Light Green with lighter mane or just Bright/Light Green	(FF rr Bb Yy ee FIFl) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Yellow bay or Dark or Bright/Light Green	(FF rr Bb Yy A_ E_)  (FF rr Bb Yy aa E_) Dark  (FF rr Bb Yy aa ee) Bright
	Black	Black with Green tint or points or Dark Green	(FF rr Bb Yy aa E_)  (FF rr Bb Yy aa ee)
	Champagne - “Golden” or champagne sheen to the yellow. This could give the coat a golden-green look! Champagne is not double-expressed.		
	Gold [chestnut]	Golden Green	(FF rr Bb Yy aa ee Ch_)
	Amber [bay]	Honey Green with brown points	(FF rr Bb Yy A_ E_ Ch_)
	Classic [black]	Deep Green -gray with dark dove gray points	(FF rr Bb Yy aa E_ Ch_)
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy green, the coat could look white- green or “creamy” green.		
	Palomino [chestnut]	Soft or “creamy” bright green with pale mane/tail	(FF rr Bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Buckskin [bay]	Soft or “creamy” darker green with black-brown points	(FF rr Bb Yy aa ee C <sup>cr</sup> c <sup>cr</sup> )
	Cremello/Perlino	Pale, almost white green	(FF rr Bb Yy aa ee C <sup>cr</sup> C <sup>cr</sup> ) or (FF rr Bb Yy A_ E_ C <sup>cr</sup> C <sup>cr</sup> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	White- green with green points & primitive marks	(FF rr Bv Yy aa ee D_)
	Bay dun [bay]	Dull green with black points & primitive markings	(FF rr Bb Yy A_ E_ D_)
	Grullo [black]	Dull grayish- green with black points & primitive markings	(FF rr Bb Yy aa E_ D_)
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	White- green with a green head, legs and m/t	(FF rr Bb Yy aa ee R_)
	Bay Roan	Dark green with black points; head and legs will be darker than the rest of the body	(FF rr Bb Yy A_ E_ R_)

	Blue Roan	Steele-gray green with dark gray/black head, legs and m/t	( <i>FF rr Bb Yy aa E_ R_</i> )
<p><b>Purple</b></p> <p>Possible genotypes*: (<i>FF R_ B_ yy</i>) (<i>FF R_ B_ yy FfI</i>) if carrying a hidden flaxen gene</p> <p>Bright/Light Purple is red and blue over chestnut base. Dark Purple is red and blue over the black base. Bays can express the dark/light aspect variably depending on the genes involved</p>	Chestnut (ee)	Bright Purple	( <i>Ff Rr Bb yy ee</i> )
	Flaxen ch. (ee FIFl)	Bright Purple with lighter mane or just Bright Purple	( <i>Ff Rr Bb yy ee FIFl</i> ) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Purple bay or Dark or Bright Purple	( <i>Ff Rr Bb yy A_ E_</i> ) ( <i>Ff Rr Bb yy aa E_</i> ) Dark ( <i>Ff Rr Bb yy aa ee</i> ) Bright
	Black	Black with Purple tint or points or Dark Purple	( <i>Ff Rr Bb yy aa E_</i> ) ( <i>Ff Rr Bb yy aa ee</i> )
	Champagne - “Golden” or champagne sheen to the purple. This could give the coat a true “golden purple” look!		
	Gold [chestnut]	Golden purple	( <i>Ff Rr Bb yy aa ee Ch_</i> )
	Amber [bay]	Honey purple with brown points	( <i>Ff Rr Bb yy A_ E_ Ch_</i> )
	Classic [black]	Deep purpleish-gray with dark dove gray points	( <i>Ff Rr Bb yy aa E_ Ch_</i> )
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy purple, the coat could look pale purple or “milky” purple.		
	Palomino [chestnut]	Soft or “creamy” bright purple with pale mane/tail	( <i>Ff Rr Bb yy aa ee C<sup>cr</sup> c<sup>cr</sup></i> )
	Buckskin [bay]	Soft or “creamy” dark purple with black-brown points	( <i>Ff Rr Bb yy aa ee C<sup>cr</sup> c<sup>cr</sup></i> )
	Cremello/Perlino	Pale, almost white purple	( <i>Ff Rr Bb yy aa ee C<sup>cr</sup>C<sup>cr</sup></i> ) or ( <i>Ff Rr Bb yy A_ E_ C<sup>cr</sup>C<sup>cr</sup></i> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	Strawberry purple with purple points & primitive marks	( <i>Ff Rr Bb yy aa ee D_</i> )
	Bay dun [bay]	Dull purple with black points & primitive markings	( <i>Ff Rr Bb yy A_ E_ D_</i> )
	Grullo [black]	Dull grayish- purple with black points & primitive markings	( <i>Ff Rr Bb yy aa E_ D_</i> )
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	Soft purple with a darker purple head, legs and m/t	( <i>Ff Rr Bb yy aa ee R_</i> )
	Bay Roan	Dark purple with black points; head and legs will be darker than the rest of the body	( <i>Ff Rr Bb yy A_ E_ R_</i> )

	Blue Roan	Steele-gray purplish-purple with dark gray/black head, legs and m/t	( <i>Ff Rr Bb yy aa E_ R_</i> )
<p><b>Black</b></p> <p>Only Possible genotypes*:  (<i>FF rr bb yy</i>)  (<i>FF rr bb yy FfI</i>) if carrying a hidden flaxen gene</p> <p>Black is the absence of all Fantasy pigment colors. This can mean one of two things. The Unicorn can be black or it can be seen to have “no fantasy gene color”. In other words, it has none of the genes for blue, yellow or red, just as a real-life horse does, and therefore could have a more realistic color. The boxes to the left assume the former, and black is the fantasy base for all the colors described here. If you follow the latter, use standard coloring rules.</p>	Chestnut (ee)	Dark chestnut	( <i>Ff rr bb yy ee</i> )
	Flaxen ch. (ee FIFl)	Dark chestnut with pale mane/tail	( <i>Ff rr bb yy ee FIFl</i> ) – assuming Unicorn parent is carrying the flaxen gene.
	Bay (A_ E_)	Dark bay or Dark chestnut	( <i>Ff rr bb yy A_ E_</i> )  ( <i>Ff rr bb yy aa E_</i> ) Dark  ( <i>Ff rr bb yy aa ee</i> ) Bright
	Black	Black or Dark chestnut	( <i>Ff rr bb yy aa E_</i> )  ( <i>Ff rr bb yy aa ee</i> )
	Champagne - “Golden” or champagne sheen to the black. This could give the coat a deep look similar to polished black onyx.		
	Gold [chestnut]	Golden black	( <i>Ff rr bb yy aa ee Ch_</i> )
	Amber [bay]	Honey black with black points	( <i>Ff rr bb yy A_ E_ Ch_</i> )
	Classic [black]	Deep dove gray with dark black points	( <i>Ff rr bb yy aa E_ Ch_</i> )
	Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy purple, the coat could look pale purple or “milky” purple.		
	Palomino [chestnut]	Soft or “creamy” black with paler mane/tail	( <i>Ff rr bb yy aa ee C<sup>cr</sup> c<sup>cr</sup></i> )
	Buckskin [bay]	Soft or “creamy” black with sharp black points	( <i>Ff rr bb yy aa ee C<sup>cr</sup> c<sup>cr</sup></i> )
	Cremello/Perlino	Pale, almost dove gray	( <i>Ff rr bb yy aa ee C<sup>cr</sup>C<sup>cr</sup></i> ) or ( <i>Ff rr bb yy A_ E_ C<sup>cr</sup>C<sup>cr</sup></i> )
	Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
	Red dun [ch]	Black-red with red points & primitive marks	( <i>Ff rr bb yy aa ee D_</i> )
	Bay dun [bay]	Dull black-brown with black points & primitive markings	( <i>Ff rr bb yy A_ E_ D_</i> )
	Grullo [black]	Dull grayish-black with black points & primitive markings	( <i>Ff rr bb yy aa E_ D_</i> )
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
Red Roan	Soft reddish black with a black head, legs and m/t	( <i>Ff rr bb yy aa ee R_</i> )	
Bay Roan	Dark bay with black points; head and legs will be darker than the rest of the body	( <i>Ff rr bb yy A_ E_ R_</i> )	

	Blue Roan	Steele-gray bluish-black with black head, legs and m/t	( <i>Ff rr bb yy aa E_ R_</i> )
<p><b>White</b></p> <p>Only Possible genotypes*: (<i>FF R_ B_ Y_</i>)</p> <p>(<i>FF R_ B_ Y_ Ff</i>) if carrying a hidden flaxen gene</p> <p>White is the presence of all Fantasy pigment colors. The Unicorn is white and can give any color to its offspring; it is purest luck what will come up.</p>	Chestnut (ee)	White or red, blue or yellow chestnut	( <i>Ff Rr Bb Yy ee</i> ) White ( <i>Ff Rr bb yy ee</i> ) Red ( <i>Ff rr Bb yy ee</i> ) Blue ( <i>Ff rr bb Yy ee</i> ) Yellow
	Flaxen ch. (ee FIFl)	White, or red, blue or yellow chestnut with pale m/t	( <i>Ff Rr Bb Yy ee FIFl</i> ) White ( <i>Ff Rr bb yy ee FIFl</i> ) Red ( <i>Ff rr Bb yy ee FIFl</i> ) Blue ( <i>Ff rr bb Yy ee FIFl</i> ) Yellow
	Bay (A_ E_)	White or red, blue or yellow bay	( <i>Ff Rr Bb Yy A_ E_</i> ) White ( <i>Ff Rr bb yy A_ E_</i> ) Red ( <i>Ff rr Bb yy A_ E_</i> ) Blue ( <i>Ff rr bb Yy A_ E_</i> ) Yellow
	Black	White, black, or red, blue or yellow chestnut	( <i>Ff rr bb yy E_</i> ) Black ( <i>Ff Rr Bb Yy E_</i> ) White ( <i>Ff Rr bb yy ee</i> ) Red ( <i>Ff rr Bb yy ee</i> ) Blue ( <i>Ff rr bb Yy ee</i> ) Yellow
	Champagne - "Golden" or champagne sheen to the white. This could create a shimmer of natural gold on the Unicorn.		
	Gold [chestnut]	White, red, blue or yellow gold	( <i>Ff Rr Bb Yy ee Ch_</i> ) White ( <i>Ff Rr bb yy ee Ch_</i> ) Red ( <i>Ff rr Bb yy ee Ch_</i> ) Blue ( <i>Ff rr bb Yy ee Ch_</i> ) Yellow
	Amber [bay]	White with gold points or honey red, blue or yellow gold with black points	( <i>Ff Rr Bb Yy A_ E_ Ch_</i> ) White ( <i>Ff Rr bb yy A_ E_ Ch_</i> ) Red ( <i>Ff rr Bb yy A_ E_ Ch_</i> ) Blue ( <i>Ff rr bb Yy A_ E_ Ch_</i> ) Yellow
	Classic [black]	White dove gray/golden points or	( <i>Ff Rr Bb Yy E_ Ch_</i> ) White



	deep red, blue or yellow with dark gray points	<p>(<i>Ff Rr bb yy E_ Ch_</i>) Red</p> <p>(<i>Ff rr Bb yy E_ Ch_</i>) Blue</p> <p>(<i>Ff rr bb Yy E_ Ch_</i>) Yellow</p>
Crème genes - Crème dilutes the coats much as it does for real horses. For a fantasy purple, the coat could look pale purple or “milky” purple.		
Palomino [chestnut]	Soft or “creamy” White, red, blue or yellow with pale mane/tail	<p>(<i>Ff Rr Bb Yy ee C<sup>cr</sup>c<sup>c</sup></i>) White</p> <p>(<i>Ff Rr bb yy ee C<sup>cr</sup>c<sup>c</sup></i>) Red</p> <p>(<i>Ff rr Bb yy ee C<sup>cr</sup>c<sup>c</sup></i>) Blue</p> <p>(<i>Ff rr bb Yy ee C<sup>cr</sup>c<sup>c</sup></i>) Yellow</p>
Buckskin [bay]	Soft or “creamy” white with gold points or soft or “creamy” red, blue or yellow with sharp black points	<p>(<i>Ff Rr Bb Yy A_ E_ C<sup>cr</sup>c<sup>c</sup></i>) White</p> <p>(<i>Ff Rr bb yy A_ E_ C<sup>cr</sup>c<sup>c</sup></i>) Red</p> <p>(<i>Ff rr Bb yy A_ E_ C<sup>cr</sup>c<sup>c</sup></i>) Blue</p> <p>(<i>Ff rr bb Yy A_ E_ C<sup>cr</sup>c<sup>c</sup></i>) Yellow</p>
Cremello/Perlino	Soft or “creamy” white with gold points or soft or “creamy” red-white, blue-white or yellow - white	As above but with the “real” genetics of: ( <i>aa ee C<sup>cr</sup>C<sup>cr</sup></i> ) or ( <i>A_ E_ C<sup>cr</sup>C<sup>cr</sup></i> )
Dun – Dun creates a “dulling” of the base coat, and leaves primitive markings.		
Red dun [ch]	White with light gold/silver/bronze points, dull pink with red points, dull blue with blue points or dull yellow with yellow points & all with primitive markings	<p>(<i>Ff Rr Bb Yy ee D_</i>) White</p> <p>(<i>Ff Rr bb yy ee D_</i>) Red</p> <p>(<i>Ff rr Bb yy ee D_</i>) Blue</p> <p>(<i>Ff rr bb Yy ee D_</i>) Yellow</p>
Bay dun [bay]	White with light gold/silver/bronze points, dull red with black points, dull blue with black points or dull yellow with black points & all with primitive markings	<p>(<i>Ff Rr Bb Yy A_ E_ D_</i>) White</p> <p>(<i>Ff Rr bb yy A_ E_ D_</i>) Red</p> <p>(<i>Ff rr Bb yy A_ E_ D_</i>) Blue</p> <p>(<i>Ff rr bb Yy A_ E_ D_</i>) Yellow</p>
Grullo [black]	White with light gold/silver/bronze points, dark red with black points, dark blue with black points or dark yellow with black points &	<p>(<i>Ff Rr Bb Yy E_ D_</i>) White</p> <p>(<i>Ff Rr bb yy E_ D_</i>) Red</p> <p>(<i>Ff rr Bb yy E_ D_</i>) Blue</p> <p>(<i>Ff rr bb Yy E_ D_</i>) Yellow</p>

		all with primitive markings	
	Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color.		
	Red Roan	White; soft reddish pink with a red head, legs and m/t; baby blue with a blue head, legs, and m/t; or light yellow with a yellow head, legs, and m/t	<i>(Ff Rr Bb Yy ee R_)</i> White <i>(Ff Rr bb yy ee R_)</i> Red <i>(Ff rr Bb yy ee R_)</i> Blue <i>(Ff rr bb Yy ee R_)</i> Yellow
	Bay Roan	White; soft red bay with black/red points and a darker head, legs and m/t; blue bay with black/blue points and a darker head, legs and m/t; or yellow bay with black/yellow points and a darker head, legs and m/t	<i>(Ff Rr Bb Yy A_ E_ R_)</i> White <i>(Ff Rr bb yy A_ E_ R_)</i> Red <i>(Ff rr Bb yy A_ E_ R_)</i> Blue <i>(Ff rr bb Yy A_ E_ R_)</i> Yellow
	Blue Roan	White; steel-red with a darker head, legs and m/t; steel-blue with a darker head, legs and m/t; or steel-yellow with a darker head, legs and m/t	<i>(Ff Rr Bb Yy E_ R_)</i> White <i>(Ff Rr bb yy E_ R_)</i> Red <i>(Ff rr Bb yy E_ R_)</i> Blue <i>(Ff rr bb Yy E_ R_)</i> Yellow

The entire above possible foal colors assume that the foal gets the appropriate genes from the parent. For example, a Blue Unicorn crossing with a red roan could be a blue chestnut or a baby blue roan, depending on what genes the “normal” parent is carrying. Beyond the base color that they were offering, the Unicorn’s genetics were not considered when I listed the possible color, nor were the other possibilities (such as not being a roan in the above example) explored. That is up to the individual pedigree-creator.

\*Fantasy genes are shown in italics. Real genes have no formatting.

Symbols for real genetics:

E(e)=black or red base coat

A(a)=bay (agouti) gene

Fl(fl)=flaxen gene in the chestnuts: double expressed recessive (have to have both genes to show the flaxen color)

Ch(ch)=Champagne – a color layer that can affect any coat. Golden champagnes are chestnuts with the champagne gene, and are similar to palominos, Amber champagnes are bays with the champagne gene, and are similar to buckskins, and Classic champagnes are blacks with the champagne gene, and are similar to grullo.

C<sup>cr</sup>(c<sup>cr</sup>)=Cremes – a color layer that lightens chestnuts to palominos and bays to buckskins.

D(d)=Dun – a color layer that “dulls” the base coat, giving it a dusty look with dark points and primitive markings (zebra stripes on legs and dorsal stripe). Red duns are chestnuts with this, bay duns are bays with this layer, and grullo are blacks with this gene.

R(r)= Roans – True roans have white hair sprinkled among the hair of their base coat over their body and neck, leaving their head, legs, mane and tail the base color. Rabicanos are often confused with true roan, but their white “sprinkles” only occur around their flank with no lightening of the neck/body. They also have a “skunk tail”, where white hair is streaked through their tail, giving it the skunk look. Appaloosas have a roaning all of their own that can be confused with true roan, but their “sprinkles” occur all over their body.

#### Symbols for fantasy genetics:

F(f)=fantasy gene: Unicorns always have FF, and fantasy horses have Ff. Normal horses are ff.

R(r)=red fantasy gene. No relation to the chestnut (red) gene.

B(b)=blue fantasy gene.

Y(y)=yellow fantasy gene.