

Color Breeding Chart:

Giant Homers come in a wide variety of colors and patterns. We have dilute, reduced and fade, plus many more possibility for whatever challenge you might be up for. The following is a color breeding chart that Ron Simpson wrote. I have found it very helpful and a great little reference when I get stumped on some wild color.

1. Blue Bar X Silver Bar = All Blue if cock doesn't carry Silver. If so both colors in both sexes.
2. Silver Bar X Blue Bar = Silver hens, Blue cocks. This is a sex-linked mating.
3. Mealy X Blue Bar = All mealy if cock carries no blue. Otherwise, both colors in both sexes. Could also get cream or silver hens if cock carries silver.
4. Blue Bar X Mealy = Mealy cocks, blue hens. Mealy hens are sex-linked to all intense colors. Silver could result if cock carries it.
5. Mealy X Silver Bar = All mealy if cock carries no blue or silver. If cock does carry Blue then both colors in both sexes. If cock carries silver or cream, you can get blue, silver, mealy or cream in both sexes.
6. Silver Bar X Mealy = Sex-link, Mealy cocks, Silver hens.
7. Blue Bar X Cream Bar = If cock carries no silver, mealy cocks and blue hens. If cock carries silver, then mealy or cream cocks and blue or silver hens.
8. Cream Bar X Blue Bar = If cock carries no blue or silver then cream hens and mealy cocks. Otherwise, cream or silver hens and blue or mealy cocks.
9. Silver Bar X Cream Bar = Sex-linked. Silver hens, cream cocks.
10. Cream Bar X Silver Bar = If cock carries no blue or silver, all cream. Otherwise, both sexes. Blue cock that has silver mother mated to silver hen will produce 50% each color and sex.
11. Recessive Red X Recessive Yellow = All Red if cock carries no yellow. Otherwise, both colors, both sexes.
12. Recessive Yellow X Recessive Red = Sex-linked, red cocks and yellow hens.
13. Black X Recessive Red or Yellow = Depends on what color is masked by the red or yellow. No reds or yellows unless cock carries it.
14. Recessive Red or Yellow X Black = same as above.
15. Recessive Red or Yellow X Any Bar or Check = same as above.
16. Any Bar or Check X Recessive Red or Yellow = same as above.
17. White X Non-white = Depends on the backgrounds of both birds.
18. Non-white X White = same as above.
19. Pure White cock X Black = White hens with yellow specs on head.
20. Recessive Red X Blue = All Blue.
21. Silver cock X Black = sex-linked, Silver hens and Black cocks.
22. Grizzle X Any Bar = Grizzle and Bars in both sexes.
23. Any Bar X Grizzle = same as above.
24. Grizzle X Any Check = Poorly patterned grizzle along with checks. Bars and good grizzles if check is carrying bar in its background.
25. Any Check X Grizzle = same as above.
26. Grizzle X Any Solid = Depends on the backgrounds of both birds.
27. Any Solid X Grizzle = same as above.

28. Brown X Blue = Sex-linked, Blue cocks and Brown hens. If cock carries dilute, then khaki hens also.
29. Blue X Brown = If cock carries brown, then both sexes in brown. If cock carries dilute but not brown, then blue and silver hens and blue cocks. If cock carries dilute and brown, then khaki hens. Otherwise only blue in both sexes.
30. Brown X Silver = Blue cocks, Brown hens. If cock carries dilute, then khaki and silver hens also.
31. Silver X Brown = Blue cocks, silver hens, or possibly khaki hens and brown cocks if cocks carries khaki.
32. Brown X Mealy = If cock carries dilute, then khaki and brown hens. Otherwise brown hens and mealy cocks.
33. Mealy X Brown = Mealy in both sexes. Possible blue, silver, brown, khaki and cream hens and brown and blue cocks if cock carries brown and/or dilute. Otherwise mealy only in both sexes.
34. Brown X Cream = Brown hens, mealy cocks. If cock carries dilute, then also khaki hens and cream cocks.
35. Cream X Brown = Mealy cocks, cream hens. Possible blue cocks and silver hens, if cock carries silver. Brown cocks and brown and khaki hens if cock carries khaki.
36. Khaki X Brown = Brown cocks, Khaki hens.
37. Khaki X Khaki = Khaki both sexes. Also depends on what cock carries.
38. Brown X Khaki = Brown only, unless cock carries dilute, then brown and khaki both sexes.
39. Brown X Brown = Brown only unless cock carries dilute, then khaki hens also.
40. Khaki X Blue = Blue cocks and Khaki hens.
41. Blue X Khaki = all blue unless cock carries brown and/or dilute. If cock carries dilute, then silver hens also. If cock carries brown and/or dilute, then brown and/or khaki in both sexes.
42. Khaki X Mealy = Mealy cocks, Khaki hens.
43. Mealy X Khaki = Mealy only unless cock carries other sex-linked genes. If cock carries dilute, then silver in both sexes. If cock carries blue, then blues in both sexes. If cock carries brown and/or dilute, then brown and/or khaki in both sexes.
44. Khaki X Cream = Cream cocks, Khaki hens.
45. Cream X Khaki = All cream unless cock carries silver or khaki, then silver. Khaki in both sexes is possible.
46. Red X Brown/Khaki = Depends on cock's background.
47. Brown/Khaki X Red = Depends on hen. For khaki cocks, dilute hens and intense cocks. All hens brown or khaki if cock does not carry red.
48. Yellow X Brown/Khaki = If hen is brown, then dilute hens and intense cocks. Only dilute colors if hen is khaki,
49. Brown/Khaki X Yellow = Depends on the yellow background.
50. White X Brown/Khaki = Determined by what color is masked by white. Once known, follow earlier examples.
51. Black/Dun X Khaki = Black being spread blue. Follow guidelines for blue and silver. All black and dun if cock carries khaki. If cock does carry khaki, both colors, both sexes.
52. Khaki X Black/Dun = same as above.
53. Indigo X Any Other Color = If cock is impure, 50% indigo, both sexes.
54. Indigo (pure) X Black = 100% Andalusia, both sexes.
55. Indigo X Indigo = Double factor indigo (pure), both sexes.
56. Indigo (pure) X Any Other Color = 100% Indigo, both sexes.
57. Any Other Color X Indigo (pure) = same as above.

58. Andalusia (pure) X Black = 100% Andalusia, both sexes.
59. Andalusia X Reduced = Produces a laced look, pastel buff, pastel platinum, and silver in both laced and non-laced, both sexes.
60. Indigo X Opal = Antique white bars with a variance background color.
61. Indigo Check X Opal = Antique white bars with a wide range of checks in the wing shield from bronze, to blue to white or all may appear.
62. Indigo (carrying Reduced) X Reduced Indigo = 100% reduced indigo both sexes.
63. Dominant Opal X Indigo = 25% dominant opal indigo
64. Dominant Opal X Dominant Red (ash red) = Wide range of color shades of medium pastel. Also lavender-bluish background with light wing and tail tips along with white bars.
65. Dominant Opal X Dominant Opal = Double factor dominant opal, seems to be somewhat lethal. Only 75% of the eggs hatch; of those that do hatch produce dominant opal at 50% rate.
66. Ash Red X Blue = if cock is pure, all ash red. If impure, it depends on what the cock carries.
67. Blue Bar X Ash Red = Sex-linked, Blue hens, Red cocks.
68. Blue bar (carrying dilute) X Mealy = Mealy cocks, Blue hens.
69. Blue Bar (carrying dilute) X Blue Bar = About 25% pure blue bar, 25% impure cocks carrying the dilute factor. 25% pure blue bar hens and 25% pure mealy hens.
70. Blue Bar X Blue Bar = if cock is pure, 100% blue bars in both sexes, if not it depends on what the cock carries.
71. Any Other Color X Almond = Almond cocks, and non-almond hens.
72. Reduced X Black = Black lace both sexes.
73. Yellow X Red = Sex-linked, Yellow hens, Red cocks.

I hope this will be helpful
 Jeff Stapleton