Harris’s hawk on a saguaro cactus

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.9 × 4.9 in (12.4 × 12.4 cm).



Which color goes where: by number on page 2.
Fabric: pale blue cotton or linen.

Stitch in this order

Filled parts from the back of the picture forward, then lines and knots.

1. **Long and short stitch**, 1 strand
   Clouds, far ridge, desert floor, tail, tail tips, saguaro arm, saguaro, leggings, body, wing feathers, wing coverts, shoulder, head, chin, and 5 more
2. **Satin stitch**, 2 strands
   Distant saguaro, legs, talons, bill, eye, flower heart, bud tips
3. **Padded satin stitch**, 2 strands
   Feet
4. **Fishbone stitch**, 2 strands
   Buds
5. **Split stitch**, 1 strand
   Ridge line, feather edges, bill, petal edges
6. **Straight stitch**, strands by part on page 2
   Spines, toe joints, nostril, eye light
7. **Stem stitch**, strands by part on page 2
   Gape, round border
8. **Fly stitch**, 1 strand
   Tube scales
9. **French knot**, 2 strands, two wraps
   Stamens

Floss

- **1 DMC 3865 Winter White**
  Flower petals (light), clouds and tail tips (lighter), bud tips and eye light
- **2 DMC 739 Ultra Very Light Tan**
  Desert floor (light), flower petals (middle), spines, clouds (darker) and 2 more parts
- **3 DMC 402 Very Light Mahogany**
  Far ridge (middle), desert floor (dark), feather edges (light) and 2 more parts
- **4 DMC 301 Medium Mahogany**
  Leggings and shoulder (light), ridge line, far ridge (dark)
- **5 DMC 945 Tawny** Desert floor (middle), far ridge (light)
- **6 DMC 3363 Medium Pine Green**
  Saguaro and flower tube (dark), saguaro arm and buds (darker), distant saguaro
- **7 DMC 938 Ultra Dark Coffee Brown**
  Body and wing coverts (darkest), tail (darker), brow, gape and nostril
- **8 DMC 898 Very Dark Coffee Brown**
  Body, wing feathers and wing coverts (dark), tail (lighter), head (darkest)
- **9 DMC 433 Medium Brown**
  Body (lightest), wing feathers and head (light), feather edges (dark) and 2 more parts
- **10 DMC 522 Fern Green**
  Saguaro (light), petal edges, saguaro arm and buds (lighter), flower tube (middle)
- **11 DMC 936 Very Dark Avocado Green** Saguaro (darkest), tube scales
- **12 DMC 524 Very Light Fern Green**
  Saguaro (lightest), flower petals (dark), flower tube (light), stamens (darker)
- **13 DMC 783 Medium Topaz**
  Feet and legs (darker), flower heart, yellow skin (dark)
- **14 DMC 743 Medium Yellow**
  Yellow skin (middle), feet, stamens and legs (lighter)
- **15 DMC 310 Black** Talons and eye, bill (dark)
- **16 DMC 434 Light Brown**
  Feather edges (middle), head and wing coverts (lightest), toe joints
- **17 DMC 300 Very Dark Mahogany** Leggings and shoulder (darkest)
- **18 DMC 400 Dark Mahogany** Shoulder and leggings (dark), round border
- **19 DMC 801 Dark Coffee Brown**
  Wing feathers and wing coverts (middle), body (light), head (dark)
- **20 DMC 318 Light Steel Gray** Bill (light)
- **21 DMC 3799 Very Dark Pewter Gray** Bill (middle)

Three ways to transfer the pattern

1. **Fabric you can see through**
   Tape page 3 to a sunny window or lay it on a light box, tape the fabric over it and trace the lines with a sharp pencil or a water-soluble pen.
2. **Fabric you cannot see through**
   Lay dressmaker’s carbon paper colored side down on the fabric with page 3 on top, tape the layers and trace the lines firmly with a ballpoint pen.
3. **Iron-on: the lines stay**
   Go over the lines of page 4, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron, as the pen’s packet says.

Pages 3 and 4 are the pattern at actual size. Print them at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

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6 inch hoop

How to read it

Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Inside a filled shape start with two or three tiny stitches, which the filling covers. Start a line with a small knot on the back. End each thread by running the needle under the backs of a few stitches.

Each small ring is one French knot. A fine broken line inside a shape is where two shades meet: trace it, do not stitch it.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1	DMC 3865 Winter White	8	DMC 898 Very Dark Coffee Brown	15	DMC 310 Black
2	DMC 739 Ultra Very Light Tan	9	DMC 433 Medium Brown	16	DMC 434 Light Brown
3	DMC 402 Very Light Mahogany	10	DMC 522 Fern Green	17	DMC 300 Very Dark Mahogany
4	DMC 301 Medium Mahogany	11	DMC 936 Very Dark Avocado Green	18	DMC 400 Dark Mahogany
5	DMC 945 Tawny	12	DMC 524 Very Light Fern Green	19	DMC 801 Dark Coffee Brown
6	DMC 3363 Medium Pine Green	13	DMC 783 Medium Topaz	20	DMC 318 Light Steel Gray
7	DMC 938 Ultra Dark Coffee Brown	14	DMC 743 Medium Yellow	21	DMC 3799 Very Dark Pewter Gray

How many strands

Straight stitch. 2 strands: nostril, eye light; 1 strand: spines, toe joints.
Stem stitch. 4 strands: round border; 1 strand: gape.

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6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
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