Spiral galaxy with a golden heart

Sized for a 6 inch hoop (15 cm). The stitched design is about 3.9 × 4.3 in (9.9 × 10.9 cm).



Which color goes where: by number on page 2.
Fabric: navy 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
   Feathers of the long arm, outer band of the long arm, inner veils, bright ridge of the long arm, feathers of the short arm, and 4 more
2. **Satin stitch**, 2 strands
   Companion galaxy, bold stars
3. **Straight stitch**, 1 strand
   Bold stars
4. **French knot**, 2 strands, two wraps
   Young stars

Three ways onto dark fabric

1. **Light shines through it**
   Lay page 3 on a bright light box, tape the fabric over it and trace the lines with a white marking pencil or pen.
2. **No light shines through**
   Print page 3 on a sticky wash-away sheet, smooth it onto fabric that can be washed, stitch through both and rinse it away.
3. **White or yellow carbon paper**
   Lay it colored side down on the fabric with page 3 on top, tape the layers and trace firmly with a ballpoint pen. Go over a faint line with a white pencil.

Page 3 is the pattern at actual size (page 4 is its mirror, for an iron-on pen on a light fabric). Print it at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

Floss

- **1 DMC 3840 Light Lavender Blue**
  Feathers of the long arm and outer band of the long arm (lightest) and 4 more parts
- **2 DMC 156 Medium Light Blue Violet**
  Feathers of the long arm and feathers of the short arm (light) and 4 more parts
- **3 DMC 29 Eggplant**
  Feathers of the short arm and feathers of the long arm (darkest) and 3 more parts
- **4 DMC 3746 Dark Blue Violet**
  Outer band of the long arm (middle dark) and 3 more parts
- **5 DMC 33 Fuchsia**
  Outer band of the long arm and outer band of the short arm (dark) and 3 more parts
- **6 DMC 3607 Light Plum**
  Outer band of the long arm (middle light) and 3 more parts
- **7 DMC 3731 Very Dark Dusty Rose**
  Inner veils (light)
- **8 DMC 351 Coral** Inner veils (lightest)
- **9 DMC 828 Ultra Very Light Sky Blue**
  Bright ridge of the long arm (shade 9 of 9), young stars (light) and 1 more part
- **10 DMC 3855 Light Autumn Gold**
  Golden heart (middle), bright ridge of the long arm (shade 8 of 9) and 2 more parts
- **11 DMC 3825 Pale Pumpkin**
  Golden heart (dark), bright ridge of the short arm (shade 7 of 9) and 1 more part
- **12 DMC 352 Light Coral**
  Bright ridge of the short arm and bright ridge of the long arm (shade 5 of 9)
- **13 DMC 3733 Dusty Rose**
  Bright ridge of the short arm (shade 2 of 9), young stars (dark) and 1 more part
- **14 DMC 3608 Very Light Plum**
  Bright ridge of the long arm (shade 4 of 9) and 3 more parts
- **15 DMC 209 Dark Lavender**
  Bright ridge of the short arm and bright ridge of the long arm (shade 1 of 9)
- **16 DMC 3854 Medium Autumn Gold**
  Golden heart (darkest), companion galaxy (dark)
- **17 DMC 3823 Ultra Pale Yellow**
  Bold stars, golden heart and companion galaxy (lightest)
- **18 DMC 745 Light Pale Yellow** Golden heart (light)

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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 3840 Light Lavender Blue	**7**	DMC 3731 Very Dark Dusty Rose	**13**	DMC 3733 Dusty Rose
2	DMC 156 Medium Light Blue Violet	**8**	DMC 351 Coral	**14**	DMC 3608 Very Light Plum
3	DMC 29 Eggplant	**9**	DMC 828 Ultra Very Light Sky Blue	**15**	DMC 209 Dark Lavender
4	DMC 3746 Dark Blue Violet	**10**	DMC 3855 Light Autumn Gold	**16**	DMC 3854 Medium Autumn Gold
5	DMC 33 Fuchsia	**11**	DMC 3825 Pale Pumpkin	**17**	DMC 3823 Ultra Pale Yellow
6	DMC 3607 Light Plum	**12**	DMC 352 Light Coral	**18**	DMC 745 Light Pale Yellow

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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.
If it measures anything else, print again at 100% with scaling off.

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