Japanese koi in a spiral galaxy

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.8 × 4.9 in (12.2 × 12.4 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. **Satin stitch**, strands by part on page 2
   Coral veil tail, silver veil tail, coral fins, silver fins, ivory body, coral patches, slate body, silver flanks, ivory head, eyes, and 4 more
2. **Padded satin stitch**, 2 strands
   Pearl core
3. **Couching**, strands by part on page 2
   Gold head lines, gold scales, gold fin edges, gold core ring, gold eddies
4. **Straight stitch**, strands by part on page 2
   Eye lights, star rays
5. **Stem stitch**, strands by part on page 2
   Nostrils, barbels, ivory back fin, silver back fin, current lines
6. **French knot**, 2 strands, two wraps
   Star knots

Floss

- **1 DMC 353 Peach**
  Coral veil tail (shade 6 of 7), coral fins (lightest) and 2 more parts
- **2 DMC 312 Very Dark Baby Blue**
  Silver veil tail (darkest), current lines (dark), coral veil tail (shade 1 of 7)
- **3 DMC 334 Medium Baby Blue**
  Coral veil tail (shade 4 of 7), current lines (middle) and 3 more parts
- **4 DMC 3752 Very Light Antique Blue**
  Coral fins (light), coral veil tail (shade 5 of 7) and 3 more parts
- **5 DMC 3865 Winter White**
  Ivory body and ivory head (lighter), coral veil tail (shade 7 of 7) and 6 more parts
- **6 DMC 351 Coral**
  Coral veil tail (shade 3 of 7), coral patches (middle), coral fins (darkest)
- **7 DMC 350 Medium Coral**
  Coral veil tail (shade 2 of 7), coral patches (dark)
- **8 DMC 931 Medium Antique Blue**
  Silver veil tail and slate body (dark), nostrils
- **9 DMC 932 Light Antique Blue**
  Silver veil tail (middle light), slate body (light) and 3 more parts
- **10 DMC 762 Very Light Pearl Gray**
  Silver veil tail (lightest), silver head and silver flanks (lighter) and 4 more parts
- **11 DMC 739 Ultra Very Light Tan**
  Gold fin edges and gold eddies (lighter), ivory body (darker) and 4 more parts
- **12 DMC 930 Dark Antique Blue**
  Slate body (darkest)
- **13 DMC 415 Pearl Gray**
  Silver flanks and silver head (darker), silver back fin (middle), pearl core (dark)
- **14 DMC 3820 Dark Straw**
  Gold scales, gold fin edges, gold eddies and gold core ring (darker) and 4 more parts
- **15 DMC 310 Black** Eyes (darker)

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.

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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 353 Peach	**6**	DMC 351 Coral	**11**	DMC 739 Ultra Very Light Tan
2	DMC 312 Very Dark Baby Blue	**7**	DMC 350 Medium Coral	**12**	DMC 930 Dark Antique Blue
3	DMC 334 Medium Baby Blue	**8**	DMC 931 Medium Antique Blue	**13**	DMC 415 Pearl Gray
4	DMC 3752 Very Light Antique Blue	**9**	DMC 932 Light Antique Blue	**14**	DMC 3820 Dark Straw
5	DMC 3865 Winter White	**10**	DMC 762 Very Light Pearl Gray	**15**	DMC 310 Black

How many strands

Satin stitch. 2 strands: coral veil tail, silver veil tail, coral fins, silver fins, ivory body, coral patches, slate body, silver flanks, ivory head, silver head, ivory back fin, silver back fin, core swirls; 1 or 2 strands: eyes.
Couching. 3 strands: gold head lines, gold core ring; 2 or 3 strands: gold eddies; 2 strands: gold fin edges; 1 strand: gold scales.
Straight stitch. 2 strands: star rays; 1 strand: eye lights.
Stem stitch. 2 strands: nostrils, barbels, ivory back fin, silver back fin; 1 or 2 strands: current lines.

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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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