Coral reef in morning light

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.7 × 4.7 in (11.9 × 11.9 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, knots and raised parts.

1. **Long and short stitch**
   strands by part on page 2
   Water, far reef, reef rock, brain coral, turtle flippers, turtle head, turtle belly, leaf coral
2. **Padded satin stitch**, 2 strands
   Staghorn coral, coral tips, finger coral, brain coral ridges, pillar coral
3. **Satin stitch**, 2 strands
   Tube sponges, sponge mouths, turtle flippers, turtle shell, little fish, lettuce coral
4. **Stem stitch**, strands by part on page 2
   Sea fan, belly plates, leaf coral rim, lettuce coral, circle edge
5. **Split stitch**, strands by part on page 2
   Turtle edges, flipper scales
6. **Straight stitch**, 2 strands
   Little fish
7. **French knot**
   strands by part on page 2, two wraps
   Cushion coral, turtle eyes, fish eyes

Floss

- **1 DMC 3808 Ultra Very Dark Turquoise**
  Water (shade 1 of 7), far reef (darker), circle edge
- **2 DMC 3810 Dark Turquoise** Water (shade 2 of 7), far reef (lighter)
- **3 DMC 597 Turquoise** Water (shade 3 of 7)
- **4 DMC 598 Light Turquoise** Water (shade 4 of 7)
- **5 DMC 3811 Very Light Turquoise** Water (shade 5 of 7)
- **6 DMC 677 Very Light Old Gold**
  Water (shade 7 of 7), turtle belly and turtle head (light), coral tips and 1 more part
- **7 DMC 745 Light Pale Yellow** Water (shade 6 of 7)
- **8 DMC 154 Very Dark Grape**
  Reef rock (dark), brain coral (darker), sponge mouths, fish eyes and turtle eyes
- **9 DMC 3834 Dark Grape**
  Reef rock (middle), brain coral (lighter), pillar coral (darkest) and 1 more part
- **10 DMC 3835 Medium Grape**
  Reef rock (light), tube sponges and brain coral ridges (dark) and 3 more parts
- **11 DMC 350 Medium Coral**
  Sea fan (lighter), finger coral (middle), anemones (shade 4 of 9) and 2 more parts
- **12 DMC 347 Very Dark Salmon**
  Sea fan (darker), finger coral (dark), anemones (shade 2 of 9)
- **13 DMC 729 Medium Old Gold**
  Staghorn coral (middle), leaf coral (light), anemones (shade 6 of 9) and 2 more parts
- **14 DMC 680 Dark Old Gold**
  Little fish (darker), belly plates, leaf coral (dark) and 3 more parts
- **15 DMC 676 Light Old Gold**
  Staghorn coral and turtle flippers (light), leaf coral (lightest) and 5 more parts
- **16 DMC 352 Light Coral**
  Lettuce coral (lighter), anemones (shade 7 of 9), finger coral (light) and 1 more part
- **17 DMC 3836 Light Grape**
  Brain coral ridges and tube sponges (middle), pillar coral (light) and 1 more part
- **18 DMC 153 Very Light Violet**
  Pillar coral (lightest), brain coral ridges and tube sponges (light) and 2 more parts
- **19 DMC 3012 Medium Khaki Green**
  Turtle flippers (middle), turtle shell (lighter), turtle head (dark)
- **20 DMC 3051 Dark Green Gray**
  Turtle shell (darker), turtle edges, turtle flippers (dark), leaf coral (darkest)
- **21 DMC 972 Deep Canary** Little fish (lighter)

Stitches, continued

8. **Turkey work**, 2 strands
   Anemones

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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Coral reef in morning light

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 3808 Ultra Very Dark Turquoise	8	DMC 154 Very Dark Grape	15	DMC 676 Light Old Gold
2	DMC 3810 Dark Turquoise	9	DMC 3834 Dark Grape	16	DMC 352 Light Coral
3	DMC 597 Turquoise	10	DMC 3835 Medium Grape	17	DMC 3836 Light Grape
4	DMC 598 Light Turquoise	11	DMC 350 Medium Coral	18	DMC 153 Very Light Violet
5	DMC 3811 Very Light Turquoise	12	DMC 347 Very Dark Salmon	19	DMC 3012 Medium Khaki Green
6	DMC 677 Very Light Old Gold	13	DMC 729 Medium Old Gold	20	DMC 3051 Dark Green Gray
7	DMC 745 Light Pale Yellow	14	DMC 680 Dark Old Gold	21	DMC 972 Deep Canary

How many strands

Long and short stitch. 2 strands: water, far reef, reef rock, brain coral, leaf coral; 1 strand: turtle flippers, turtle head, turtle belly.
Stem stitch. 1 to 6 strands: sea fan; 4 strands: circle edge; 2 strands: belly plates, leaf coral rim, lettuce coral.
Split stitch. 2 strands: flipper scales; 1 strand: turtle edges.
French knot. 2 strands: cushion coral, turtle eyes; 1 strand: fish eyes.

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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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