

Kaleidoscope Magic

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Make a magical kaleidoscope quilt that is 75" x 62" with 10" Square Finished Blocks.

All seams are $\frac{1}{4}$ " and the fabrics used are quilting weight cotton. Yardage calculations assume at least 42" of usable fabric width.

Fabric Requirements:

Kaleidoscope Fabric: You will need 6 yards of fabric with a 12" or (just shy of) 24" repeat.

The larger repeat will give your blocks more variety. Look for large prints with lots of colors and shapes for the most dramatic results. Also, it is important to use a quilt shop quality fabric for this technique to ensure the fabric lines up correctly when cutting and layering the fabric repeats.

Block Corner Fabric: You will need $\frac{3}{4}$ yard of background fabric for the corners of the blocks.

Consider selecting a solid that is the same color as the background of your kaleidoscope fabric. You may, of course, select something that suits your own creative whim!

Sashing Fabric: The pieced sashing requires two fabrics. Look for fabrics that highlight colors in your kaleidoscope fabric. Decide which of the two will be best for the center of the sashing and cornerstones. Yardage includes an extra $\frac{1}{4}$ yard of each to allow for mistakes in cutting.

- 1 $\frac{1}{4}$ yard for sashing fabric 1
- 1 $\frac{1}{4}$ yard for sashing fabric 2

Backing: 4 yards of fabric cut in half and pieced along the length of the fabric. Finished size will be 72" x 84"

Binding: $\frac{1}{2}$ yard cut into 7 strips each 2 $\frac{1}{2}$ " wide and pieced together on the bias.

Notions:

- 45° acrylic triangle ruler such as the Simpli-EZ Ruler by EZ Quilting.
- A 24" long acrylic ruler. A 6" wide is best but a 3½" wide ruler can also be used.
- A 12½" square acrylic ruler will make it easier to trim your completed blocks.
- A rotary cutter with a NEW quality blade. A larger 60mm cutter is best but a 45mm can be used.
- Pins. For this technique, flat head pins are recommended.

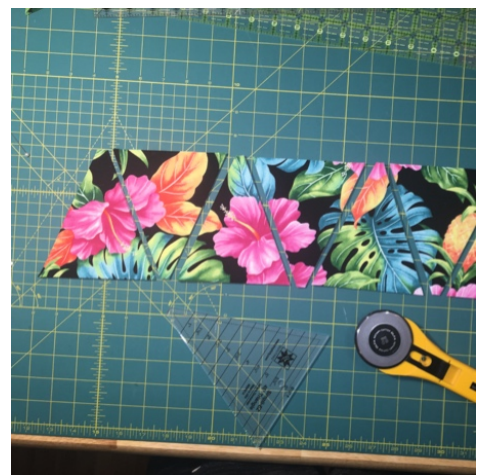
Cutting and Piecing for Kaleidoscope Blocks:

Cut your 6 yards of *kaleidoscope fabric* in half lengthwise. You will have two pieces that are 21" wide by 6 yards long. Set aside one of these pieces which will be used for length of fabric borders.

Take the other piece and carefully cut it into eight pieces that are repeats of the fabric.

Important: If you have a 12" repeat make sure each piece consists of 2 repeats. If you have a 24" repeat each piece will need to be one repeat. Layer all 8 repeats one on top of the other with all pieces right side up. With the salvage at the top, carefully place a pin about 2" in and down from the left corner through the same spot on all eight layers to line up the fabric. Place a few more pins 2" or 3" apart along the left side. Once you have the fabric pinned and lined up cut a 5½" strip through all 8 layers of fabric.

Use your 45° triangle ruler to cut 7 triangles from this strip of the 8 layers of fabric. Cut 2 more 5½" strips of the layered fabric, repeating the pinning process before you cut each strip. Cut 7 triangles from each of these strips. You will have 21 sets of triangles. Each set will have 8 identicle pieces of fabric. The pattern requires 20 blocks, but there is enough fabric to cut a fourth 5½" strip for a total of 28 sets of triangles. The extras will allow you to choose which you prefer and allows for errors with cutting and piecing, or the fabric can be set aside for a different project (perhaps a wall quilt or a table runner).



For each block sew four pairs of the triangles together. For a spiral effect sew these pairs with the right sides together.



Spiral Effect

Consider trying this! If the back of your fabric is suitable you can achieve a mirror effect by alternating the back of the fabric with the front! To do this sew each set with both pieces right side up.



Mirror Effect

Continue piecing the kaleidoscope block together by sewing together each pair with another pair, and then sew the two halves of the block together. When piecing these blocks please press your seams open to reduce the bulk of the fabric on the back of the blocks.



Repeat this piecing process for all of your triangle sets.

To finish each block cut 5 width of fabric strips that are $4\frac{1}{2}$ " wide from the *block corner fabric*, then cut 40 squares that are $4\frac{1}{2}$ ' x $4\frac{1}{2}$ " from the strips. Cut each square in half on the diagonal. You will have 80 corner triangles.

Sew a triangle to the corner of each block and then trim the blocks so they are $10\frac{1}{2}$ " x $10\frac{1}{2}$ ".

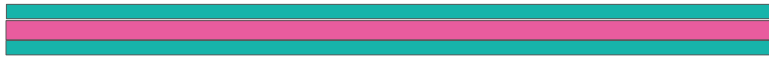


Cutting and Piecing for Sashing:

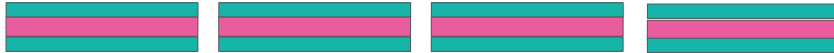
Cut 26 width of fabric strips that are $1\frac{1}{4}$ " wide from sashing fabric 1

Cut 13 width of fabric strips that are $1\frac{1}{2}$ " wide from sashing fabric 2

- Piece together these strips lengthwise as shown in the drawing; the $1\frac{1}{2}$ " strip with a $1\frac{1}{4}$ " strip on each side of it. Press the seams to the darker fabric.



- Cut each strip into 4 pieces that are $10\frac{1}{2}$ " x 3"



Cut 3 width of fabric strips that are 3" wide from sashing fabric 2

- From these strips cut 30 cornerstone squares that are 3" x 3" 
- Piece together 6 sashing rows as indicated in the drawing, alternating a cornerstone piece with a sashing piece. Press seams towards the pieced sashing strips.



- Piece 5 rows of kaleidoscope blocks together alternating a sashing piece with a block as indicated in the drawing. Press the seams towards the sashing strips.



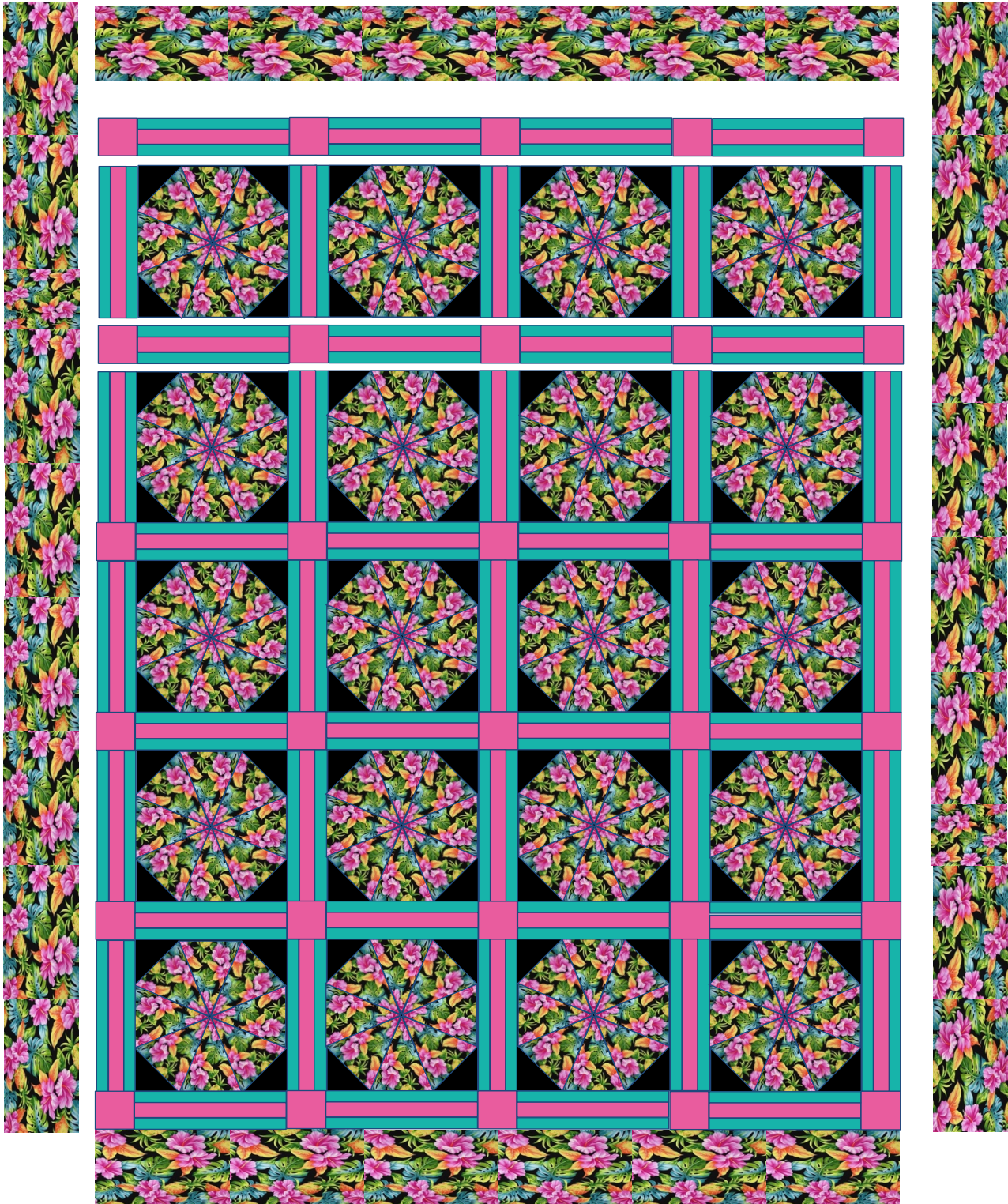
- Then sew together the rows alternating a sashing row with a block row as indicated in the drawing on page 5. Press seams towards the sashing strips.

Cutting and Piecing the Borders:

Cut two $5\frac{1}{2}$ " wide pieces of fabric along the length of the remaining piece of kaleidoscope fabric. From each $5\frac{1}{2}$ " wide piece cut 1 piece that is $5\frac{1}{2}$ " x $75\frac{1}{2}$ " and 1 that is $5\frac{1}{2}$ " x 53".

Sew the two $5\frac{1}{2}$ " x 53" pieces to the top and bottom of the quilt top. Sew the $5\frac{1}{2}$ " x $75\frac{1}{2}$ " pieces to the sides to finish your quilt top.

You will have enough fabric from the length of fabric piece to make a second set of 8 repeats of fabric. This set will be about 10" by 24". Consider making smaller kaleidoscope blocks for a wall hanging or a table runner by cutting strips that are 2½" or 3½" wide.



Fabric Requirements:

- Kaleidoscope Fabric: You will need 6 yards of fabric with a 12" or (just shy of) 24" repeat
- Block Corner Fabric: $\frac{3}{4}$ yard of background fabric for the corners of the blocks.
- Sashing Fabric: $1\frac{1}{4}$ yard for sashing fabric 1 and $1\frac{1}{4}$ yard for sashing fabric 2
- Backing: 4 yards of fabric and Binding: $\frac{1}{2}$ yard

Please read the pattern for suggestions on fabric selection.

Notions:

- 45° acrylic triangle ruler such as the Simpli-EZ Ruler by EZ Quilting
- A 24" long acrylic ruler. A 6" wide is best but a 3 $\frac{1}{2}$ " wide ruler can also be used
- A 12 $\frac{1}{2}$ " square acrylic ruler will make it easier to trim your completed blocks
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- Pins. For this technique, flat head pins are recommended

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QUILTING with PATRICE



KALEIDOSCOPE MAGIC

A 75" x 62" Quilt