Kaleidoscope throw

US terms



Finished size
About 61¾ × 57 in (157 × 145 cm), measured at its widest and tallest; each hexagon about 12¼ in (31 cm) from side to side

Skill
Intermediate
Popcorns, spikes and many color changes

Yarn
Medium (4), 7 colors

Hook
5.5 mm (US I-9)

Gauge
13 stitches and 7½ rounds to 4 in (10 cm)
In dc in rounds.

You will need

Yarn A: ruby, main	**about 460 yd (421 m), an estimate**
Yarn B: amber, stripe	**about 390 yd (357 m), an estimate**
Yarn C: peridot, stripe	**about 270 yd (247 m), an estimate**
Yarn D: sapphire, stripe	**about 390 yd (357 m), an estimate**
Yarn E: amethyst, stripe	**about 420 yd (384 m), an estimate**
Yarn F: turquoise, stripe	**about 340 yd (311 m), an estimate**
Yarn G: black, stripe	**about 620 yd (567 m), an estimate**

Hook: 5.5 mm (US I-9), or the size that gives you the gauge. Also: a yarn needle, scissors and a tape measure.

To find how many balls: divide by the length on your yarn's label and round up. Buy them from one dye lot. The estimate is from the stitches of this size at this gauge, with 30 percent added.

Abbreviations

Written in US terms. Where the UK name differs it is given beside the US one.

ch	chain stitch
sl st	slip stitch: insert hook in the place named, yo, pull through it and the loop on hook (UK ss, slip stitch)
sc	single crochet (UK dc, double crochet)
hdc	half double crochet (UK htr, half treble)
dc	double crochet (UK tr, treble)
Rnd	round
sk	skip (UK miss)
sp	space
st	stitch

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yo yarn over (UK yrh, yarn round hook)
tr treble crochet (UK dtr, double treble)

Special stitches

pop (Popcorn): 5 dc in the same st, take the hook out of the loop, put it from the front to the back under both loops of the first of the 5 dc, catch the loop again and pull it through; the popcorn stands out toward you. Its top is the loop on the hook. In UK terms: a popcorn of 5 tr. It leaves 1 stitch for the next round.

lsc (Long single crochet): A spike over the round below: insert hook from front to back in the st two rounds below that lies straight under the next st (that is, in the place the next st of the round below was worked into), yo, pull up a loop and draw it up, loosely, as high as the round being worked, yo, pull through 2 loops on hook. The next st of the round below stays unworked behind it and counts as used. In UK terms: long double crochet, or spike stitch.

Gauge

13 stitches and 7½ rounds to 4 in (10 cm) in dc in rounds.

Check it on the first hexagon itself when 4 rounds are done, laid flat: it is about 3¾ in (10 cm) across. If it measures more, start again with a smaller hook; if it measures less, with a larger one.

Before you start

- The hexagons are worked in joined rounds with the right side facing; do not turn. All three kinds are worked alike; only the colors change places.
- The ch 1 or ch 2 at the start of a round does not count as a stitch. The first stitch of a round goes into the same stitch as the joining sl st. The joining sl st itself is not a stitch and is not worked into.
- From round 6 on every hexagon has six corners. A corner is the middle one of 3 stitches worked into one st, and the next round works its 3 stitches into that middle one. In the two rounds of spikes, where nothing is added, the st over a corner is the corner; the spikes beside it, where the words put one on each side, both go into the corner st two rounds below.
- In round 3 the sc go into the top of each popcorn and into each ch-1 sp. In round 6 the dc goes into the sc between two petals, deep in the valley, and the 3 sc into the middle one of the 7 dc of a petal.
- "2 rows below" in the words of a long single crochet means two rounds below. The stitch is worked over the round between.
- Where brackets stand inside brackets, work the inner ones first, as often as their own number says.
- Change yarn at the joining sl st: make it with the new yarn, put the hook in the first stitch, take the new yarn over the hook and pull it through. Cut the old yarn each time, leaving a tail of about 6 in (15 cm), and leave a tail of the same length on the new one.
- Leave a tail of about 6 in (15 cm) when you begin and when you fasten off, unless another length is given. The ends that are not sewn with are woven in.
- When a ball runs out in the middle of a round, work the last yarn over of a stitch with the next ball, and leave a tail of about 6 in (15 cm) on both.
- Whip stitch: with the yarn on a yarn needle, pass the needle under both loops of a stitch on one edge and under both loops of the stitch that lies against it on the other edge, and pull the yarn through. Do the same in the next stitch of each edge. Fasten a length where the sewing begins and where it ends: sew 2 or 3 times into the same place.
- Magic ring: wind the yarn once round two fingers, put the hook through the ring and pull up a loop of the working yarn. Round 1 begins with this loop on the hook. Work round 1 into the ring, over both strands, then pull the tail to close it.

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Instructions

Square brackets [ ] hold a repeat: work what is inside as many times as it says. The count in round brackets at the end of a line is what that line leaves. Tick the box when a round is done. In UK terms sl st is slip stitch, sc is double crochet, hdc is half treble, dc is treble, sk is miss, yo is yarn round hook and tr is double treble.

Hexagon one: make 7

Yarns in order of use: A, ruby; B, amber; G, black; D, sapphire; E, amethyst; F, turquoise; C, peridot.

☐ **Foundation**	With A, make a magic ring.	
☐ **Rnd 1**	Ch 2, 12 dc in ring; join with sl st in first dc	**(12 dc)**
☐ **Rnd 2**	With B, ch 2, **[**pop in next st, ch 1**] 12 times**; join with sl st in first pop	**(12 pop, 12 ch-1 sps)**
☐ **Rnd 3**	With G, ch 1, **[**sc in next st, sc in next ch-1 sp**] 12 times**; join with sl st in first sc	**(24 sc)**
☐ **Rnd 4**	With D, ch 2, **[**2 dc in next st, dc in next st**] 12 times**; join with sl st in first dc	**(36 dc)**
☐ **Rnd 5**	With E, ch 1, **[**sc in next st, sk next 2 sts, 7 dc in next st, sk next 2 sts**] 6 times**; join with sl st in first sc	**(6 sc, 42 dc)**
☐ **Rnd 6**	With G, ch 2, **[**dc in next st, hdc in next st, sc in next 2 sts, 3 sc in next st, sc in next 2 sts, hdc in next st**] 6 times**; join with sl st in first dc	**(6 dc, 12 hdc, 42 sc)**
☐ **Rnd 7**	With F, ch 2, **[**dc in next 5 sts, 3 dc in next st, dc in next 4 sts**] 6 times**; join with sl st in first dc	**(72 dc)**
☐ **Rnd 8**	With C, ch 1, **[**sc in next 6 sts, 3 sc in next st, sc in next 5 sts**] 6 times**; join with sl st in first sc	**(84 sc)**
☐ **Rnd 9**	With A, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(60 sc, 24 lsc)**
☐ **Rnd 10**	With B, ch 2, **[**dc in next 7 sts, 3 dc in next st, dc in next 6 sts**] 6 times**; join with sl st in first dc	**(96 dc)**
☐ **Rnd 11**	With D, ch 2, **[[**dc in next st, pop in next st**] 4 times**, 3 dc in next st, **[**pop in next st, dc in next st**] 3 times**, pop in next st**] 6 times**; join with sl st in first dc	**(60 dc, 48 pop)**
☐ **Rnd 12**	With G, ch 1, **[**sc in next 9 sts, 3 sc in next st, sc in next 8 sts**] 6 times**; join with sl st in first sc	**(120 sc)**
☐ **Rnd 13**	With E, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next 7 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(96 sc, 24 lsc)**

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☐ **Rnd 14**	With F, ch 2, **[**dc in next 10 sts, 3 dc in next st, dc in next 9 sts**] 6 times**; join with sl st in first dc	**(132 dc)**
☐ **Rnd 15**	With G, ch 1, **[**sc in next 11 sts, 3 sc in next st, sc in next 10 sts**] 6 times**; join with sl st in first sc	**(144 sc)**
☐ **End**	Fasten off.	

Hexagon two: make 6

Yarns in order of use: D, sapphire; C, peridot; G, black; E, amethyst; B, amber; A, ruby; F, turquoise.

☐ **Foundation**	With D, make a magic ring.	
☐ **Rnd 1**	Ch 2, 12 dc in ring; join with sl st in first dc	**(12 dc)**
☐ **Rnd 2**	With C, ch 2, **[**pop in next st, ch 1**] 12 times**; join with sl st in first pop	**(12 pop, 12 ch-1 sps)**
☐ **Rnd 3**	With G, ch 1, **[**sc in next st, sc in next ch-1 sp**] 12 times**; join with sl st in first sc	**(24 sc)**
☐ **Rnd 4**	With E, ch 2, **[**2 dc in next st, dc in next st**] 12 times**; join with sl st in first dc	**(36 dc)**
☐ **Rnd 5**	With B, ch 1, **[**sc in next st, sk next 2 sts, 7 dc in next st, sk next 2 sts**] 6 times**; join with sl st in first sc	**(6 sc, 42 dc)**
☐ **Rnd 6**	With G, ch 2, **[**dc in next st, hdc in next st, sc in next 2 sts, 3 sc in next st, sc in next 2 sts, hdc in next st**] 6 times**; join with sl st in first dc	**(6 dc, 12 hdc, 42 sc)**
☐ **Rnd 7**	With A, ch 2, **[**dc in next 5 sts, 3 dc in next st, dc in next 4 sts**] 6 times**; join with sl st in first dc	**(72 dc)**
☐ **Rnd 8**	With F, ch 1, **[**sc in next 6 sts, 3 sc in next st, sc in next 5 sts**] 6 times**; join with sl st in first sc	**(84 sc)**
☐ **Rnd 9**	With D, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(60 sc, 24 lsc)**
☐ **Rnd 10**	With C, ch 2, **[**dc in next 7 sts, 3 dc in next st, dc in next 6 sts**] 6 times**; join with sl st in first dc	**(96 dc)**
☐ **Rnd 11**	With E, ch 2, **[[**dc in next st, pop in next st**] 4 times**, 3 dc in next st, **[**pop in next st, dc in next st**] 3 times**, pop in next st**] 6 times**; join with sl st in first dc	**(60 dc, 48 pop)**
☐ **Rnd 12**	With G, ch 1, **[**sc in next 9 sts, 3 sc in next st, sc in next 8 sts**] 6 times**; join with sl st in first sc	**(120 sc)**

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☐ **Rnd 13**	With B, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next 7 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(96 sc, 24 lsc)**
☐ **Rnd 14**	With A, ch 2, **[**dc in next 10 sts, 3 dc in next st, dc in next 9 sts**] 6 times**; join with sl st in first dc	**(132 dc)**
☐ **Rnd 15**	With G, ch 1, **[**sc in next 11 sts, 3 sc in next st, sc in next 10 sts**] 6 times**; join with sl st in first sc	**(144 sc)**
☐ **End**	Fasten off.	

Hexagon three: make 6

Yarns in order of use: E, amethyst; F, turquoise; G, black; A, ruby; C, peridot; B, amber; D, sapphire.

☐ **Foundation**	With E, make a magic ring.	
☐ **Rnd 1**	Ch 2, 12 dc in ring; join with sl st in first dc	**(12 dc)**
☐ **Rnd 2**	With F, ch 2, **[**pop in next st, ch 1**] 12 times**; join with sl st in first pop	**(12 pop, 12 ch-1 sps)**
☐ **Rnd 3**	With G, ch 1, **[**sc in next st, sc in next ch-1 sp**] 12 times**; join with sl st in first sc	**(24 sc)**
☐ **Rnd 4**	With A, ch 2, **[**2 dc in next st, dc in next st**] 12 times**; join with sl st in first dc	**(36 dc)**
☐ **Rnd 5**	With C, ch 1, **[**sc in next st, sk next 2 sts, 7 dc in next st, sk next 2 sts**] 6 times**; join with sl st in first sc	**(6 sc, 42 dc)**
☐ **Rnd 6**	With G, ch 2, **[**dc in next st, hdc in next st, sc in next 2 sts, 3 sc in next st, sc in next 2 sts, hdc in next st**] 6 times**; join with sl st in first dc	**(6 dc, 12 hdc, 42 sc)**
☐ **Rnd 7**	With B, ch 2, **[**dc in next 5 sts, 3 dc in next st, dc in next 4 sts**] 6 times**; join with sl st in first dc	**(72 dc)**
☐ **Rnd 8**	With D, ch 1, **[**sc in next 6 sts, 3 sc in next st, sc in next 5 sts**] 6 times**; join with sl st in first sc	**(84 sc)**
☐ **Rnd 9**	With E, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(60 sc, 24 lsc)**
☐ **Rnd 10**	With F, ch 2, **[**dc in next 7 sts, 3 dc in next st, dc in next 6 sts**] 6 times**; join with sl st in first dc	**(96 dc)**
☐ **Rnd 11**	With A, ch 2, **[[**dc in next st, pop in next st**] 4 times**, 3 dc in next st, **[**pop in next st, dc in next st**] 3 times**, pop in next st**] 6 times**; join with sl st in first dc	**(60 dc, 48 pop)**

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☐ **Rnd 12**	With G, ch 1, **[**sc in next 9 sts, 3 sc in next st, sc in next 8 sts**] 6 times**; join with sl st in first sc	**(120 sc)**
☐ **Rnd 13**	With C, ch 1, **[**sc in next 2 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next 7 sts, lsc in next st 2 rows below, sc in next 3 sts, lsc in next st 2 rows below, sc in next st**] 6 times**; join with sl st in first sc	**(96 sc, 24 lsc)**
☐ **Rnd 14**	With B, ch 2, **[**dc in next 10 sts, 3 dc in next st, dc in next 9 sts**] 6 times**; join with sl st in first dc	**(132 dc)**
☐ **Rnd 15**	With G, ch 1, **[**sc in next 11 sts, 3 sc in next st, sc in next 10 sts**] 6 times**; join with sl st in first sc	**(144 sc)**
☐ **End**	Fasten off.	

Assembly

1. Lay the nineteen hexagons out, right sides up, every hexagon with a corner at the top and a straight side on its left and right, in five rows of 3, 4, 5, 4 and 3 hexagons. Each row is moved by half a hexagon against the row above it, so that a corner of one row stands where two hexagons of the other meet, and the longest row is in the middle.

2. Top row, from left to right: hexagons three, one, three. Second row: one, two, two, one. Middle row: three, two, one, two, three. Fourth row: one, two, two, one. Bottom row: three, one, three.

3. Sew two hexagons to each other at a time, right sides together, along one side: 25 stitches on each, from one corner st to the next, both counted. For every side cut a length of G about 30 in (76 cm) long, and whip stitch through both loops of both edges, 25 stitches. Fasten the yarn at both ends.

4. First sew the hexagons of each row to one another along their upright sides: 2 seams in the top row, 3 in the second, 4 in the middle row, 3 in the fourth and 2 in the bottom row, 14 seams. Then sew the rows to one another along their zigzags, one side after the other: 6 seams between the top row and the second, 8 between the second and the middle row, 8 between the middle row and the fourth, and 6 between the fourth and the bottom row, 28 seams: 42 seams in all. Every outer side stays free; the last round of the hexagons is the edge of the throw.

Finishing

- Weave in the ends with the yarn needle, changing direction once or twice.

In all: 19 pieces; 570 ends to weave in.

Found a mistake in this pattern? Tell us at flossfield.com, under Make a request.

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