Converting Colors

RGB(99, 56, 240)

Have a look what the booklet for RGB(99, 56, 240) contains.

Color

RGB(99, 56, 240)

Conversions

Conversions Part 1

Format	Color
Hex	6338F0
RGB	99, 56, 240
RGB Percent	39%, 22%, 94%
CMY	0.6118, 0.7804, 0.0588
CMYK	0.59, 0.77, 0.00, 0.06
HSL	254°, 86%, 58%
HSV	254°, 77%, 94%
XYZ	22.2879, 11.7723, 83.5356
YIQ	89.8330, -33.4360, 66.3400

Conversions

Conversions Part 2

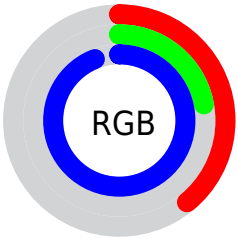
Format	Color
RYB	99, 56, 240
Decimal	6502640
CIELab	40.85, 63.28, -85.07
CIELCh	41, 106.024, 306.643
Yxy	11.7723, 0.1895, 0.1001
Android (android.graphics.Color)	4284692720 (0xFF6338F0)
YUV	89.8330, 74.0323, 8.0395
Hunter-Lab	34.3107, 55.9082, -120.3346

Details

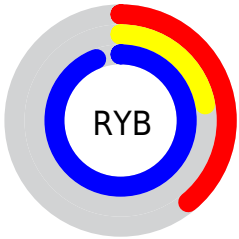
The RGB color 99, 56, 240 is a dark color, and the websafe version is hex 6633FF. The color can be described as middle washed purple. A complement of this color would be 197, 240, 56, and the grayscale version is 89, 89, 89.

A 20% lighter version of the original color is 163, 108, 255, and 0, 0, 182 is the 20% darker color. If you saturate the color by 10%, you get 81, 32, 240, and if you desaturate by 10%, it is 117, 80, 240.

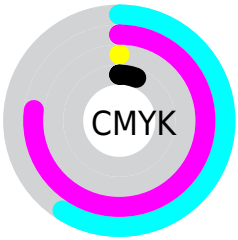
Distribution



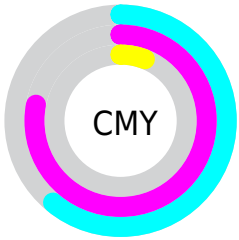
- Red (39%)
- Green (22%)
- Blue (94%)



- Red (39%)
- Yellow (22%)
- Blue (94%)



- Cyan (59%)
- Magenta (77%)
- Yellow (0%)
- Black (6%)



- Cyan (61%)
- Magenta (78%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 56, 240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 99, 56, 240 by changing the saturation by 10% instead.

99, 56, 240

255, 255, 255

163, 108, 255

194, 135, 255

225, 162, 255

255, 190, 255

255, 219, 255

255, 248, 255

99, 56, 240

62, 28, 211

0, 0, 182

0, 0, 155

0, 0, 128

0, 0, 101

0, 9, 76

0, 5, 52

0, 2, 30

0, 0, 1

99, 56, 240

81, 32, 240

62, 8, 240

56, 0, 240

99, 56, 240

117, 80, 240

136, 104, 240

154, 128, 240

173, 152, 240

191, 176, 240

209, 200, 240

228, 224, 240

246, 248, 240

255, 255, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

0, 106, 255

99, 56, 240

207, 0, 167

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

99, 56, 240

170, 61, 0

0, 126, 115

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

99, 56, 240

197, 240, 56

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 123, 9

99, 56, 240

101, 100, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

99, 56, 240

218, 0, 0

0, 117, 0

0, 128, 201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

99, 56, 240

232, 0, 110

0, 117, 0

0, 125, 84

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

99, 56, 240

210, 196, 255

56, 197, 240

100, 92, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

99, 56, 240

75, 20, 255

191, 56, 240

111, 108, 120

43, 0, 184

13, 0, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

240, 56, 197

255, 20, 200

105, 240, 56

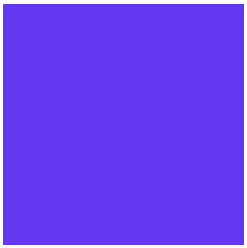
120, 108, 117

184, 0, 141

56, 0, 43

Previews

White Background

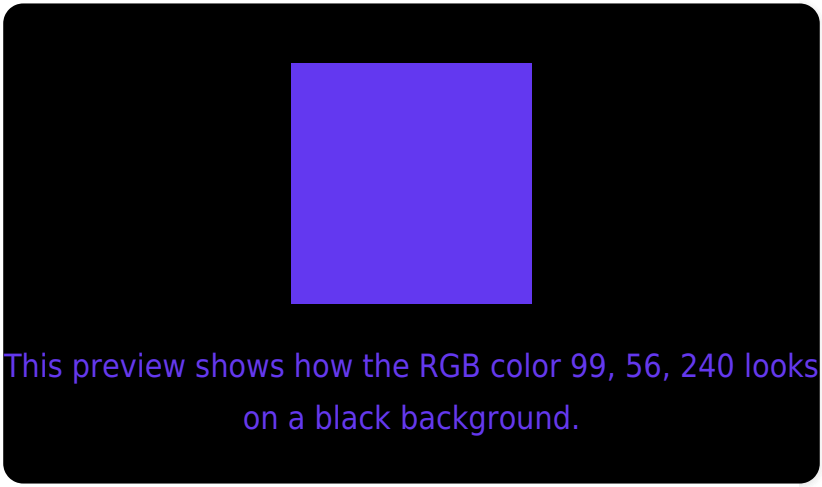


This preview shows how the RGB color 99, 56, 240 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

Black Background

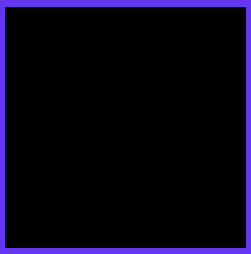


Color Contrast Check

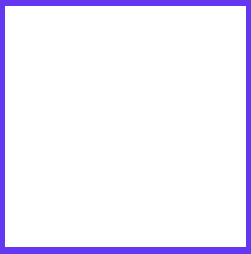
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 99, 56, 240 Background



This preview shows how black text looks on a background with the RGB color 99, 56, 240.



This preview shows how white text looks on a background with the RGB color 99, 56, 240.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
99, 56, 240

Deuteranopia
0, 99, 167

Tritanopia
44, 104, 113

Trichromacy

Original Color
99, 56, 240

Deuteranomaly
36, 83, 194

Tritanomaly
64, 87, 159

Monochromacy

Original Color
99, 56, 240

Achromatopsia
90, 90, 90

Achromatomaly
93, 78, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 56, 240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(99, 56, 240) looks like.

```
.text, #text, p{
    color:rgb(99, 56, 240)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(99, 56, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 56, 240) }
```

Border

The CSS property to change the border of an element to RGB 99, 56, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 56, 240) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(99, 56, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(99, 56, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 56, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 56, 240); box-shadow:4px 4px 4px 4px rgb(99, 56, 240) }
```

Background

The CSS property to change the background color of an element to RGB 99, 56, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(99, 56, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(99, 56,
240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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