

Converting Colors

RGB(135, 103, 239)

Have a look what the booklet for
RGB(135, 103, 239) contains.

RGB(135, 103, 239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(135, 103, 239)

Conversions

Conversions Part 1

Format	Color
Hex	8767EF
RGB	135, 103, 239
RGB Percent	53%, 40%, 94%
CMY	0.4706, 0.5961, 0.0627
CMYK	0.44, 0.57, 0.00, 0.06
HSL	254°, 81%, 67%
HSV	254°, 57%, 94%
XYZ	30.4219, 21.0834, 84.1274
YIQ	128.0720, -24.5840, 49.0800

Conversions

Conversions Part 2

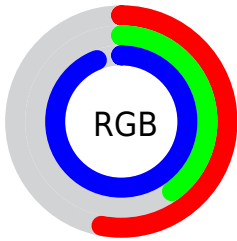
Format	Color
R_{YB}	135, 103, 239
Decimal	8873967
CIE _{Lab}	53.04, 44.43, -64.49
CIE _{LCh}	53, 78.312, 304.567
Yxy	21.0834, 0.2243, 0.1554
Android (android.graphics.Color)	4287064047 (0xFF8767EF)
YUV	128.0720, 54.6875, 6.0759
Hunter-Lab	45.9167, 37.9104, -76.4881

Details

The RGB color **135, 103, 239** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **207, 239, 103**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **194, 155, 255**, and **76, 54, 182** is the 20% darker color. If you saturate the color by 10%, you get **117, 79, 239**, and if you desaturate by 10%, it is **153, 127, 239**.

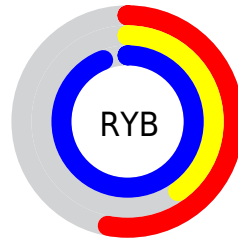
Distribution



Red (53%)

Green (40%)

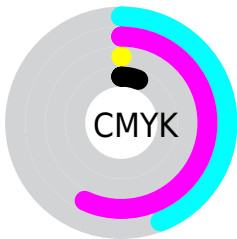
Blue (94%)



Red (53%)

Yellow (40%)

Blue (94%)

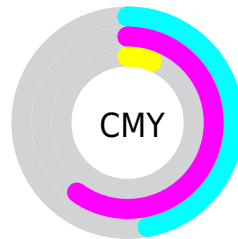


Cyan (44%)

Magenta (57%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (60%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the RGB color 135, 103, 239 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 135, 103, 239 by changing the saturation by 10% instead.

 135, 103, 239

255, 255, 255


 194, 155, 255

 223, 182, 255

 253, 210, 255

 255, 239, 255

 135, 103, 239

 106, 78, 210

 76, 54, 182

 42, 31, 155

 0, 7, 128

 0, 0, 102

 0, 0, 77

 0, 5, 53

 0, 2, 31

 0, 0, 2

■ 135, 103, 239

■ 135, 103, 239

■ 117, 79, 239

■ 153, 127, 239

■ 98, 55, 239

■ 172, 151, 239

■ 80, 31, 239

■ 190, 175, 239

■ 62, 7, 239

■ 208, 199, 239

■ 56, 0, 239

■ 226, 222, 239

■ 245, 246, 239

■ 255, 255, 239

Harmonies

Analogous

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



0, 132, 255



135, 103, 239



213, 62, 186

Triad

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



135, 103, 239



198, 100, 0



0, 155, 136

Complementary

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



135, 103, 239



207, 239, 103

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, 152, 64



135, 103, 239



144, 127, 0

Square

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



135, 103, 239



233, 62, 54



72, 144, 0



0, 155, 202

Rectangle

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



135, 103, 239



237, 35, 142



72, 144, 0



0, 154, 112

Sweetspot

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



135, 103, 239



222, 212, 255



103, 207, 239



108, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 103, 239



122, 82, 255



203, 103, 239



111, 108, 120



43, 0, 184



13, 0, 56

Inverse Universe

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



239, 103, 207



255, 82, 214



139, 239, 103



120, 108, 117



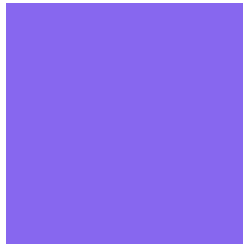
184, 0, 140



56, 0, 43

Previews

White Background



This preview shows how the RGB color 135, 103, 239 looks on a white background.

Color Contrast Check

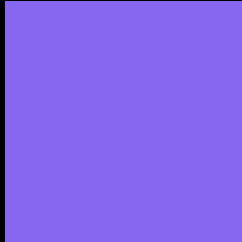
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 135, 103, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

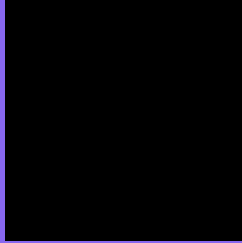
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 135, 103, 239 Background



This preview shows how black text looks on a background with the RGB color 135, 103, 239.



This preview shows how white text looks on a background with the RGB color 135, 103, 239.

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





Tritanopia
110, 129, 140

Trichromacy



Original Color

135, 103, 239



Protanomaly

69, 115, 249



Deuteranomaly

49, 120, 231



Tritanomaly

119, 120, 176

Monochromacy



Original Color

135, 103, 239



Achromatopsia

128, 128, 128



Achromatomaly

131, 119, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 103, 239 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(135, 103, 239)` looks like.

```
.text, #text, p{  
    color:rgb(135, 103, 239)  
}
```

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(135, 103, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 103, 239) }
```

Border

The CSS property to change the border of an element to RGB 135, 103, 239 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(135, 103, 239) }
```

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

```
.border{ border-color:rgb(135, 103, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 103, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 103, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 103, 239);  
box-shadow:4px 4px 4px 4px rgb(135, 103,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 135, 103, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 103, 239) }
```

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

```
.background{ background-color: rgb(135,  
103, 239) }
```

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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