

Converting Colors

RGB(135, 71, 255)

Have a look what the booklet for
RGB(135, 71, 255) contains.

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Color

RGB(135, 71, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	8747FF
RGB	135, 71, 255
RGB Percent	53%, 28%, 100%
CMY	0.4706, 0.7216, 0.0000
CMYK	0.47, 0.72, 0.00, 0.00
HSL	261°, 100%, 64%
HSV	261°, 72%, 100%
XYZ	30.2949, 16.8774, 96.2687
YIQ	111.1120, -20.9200, 70.7920

Conversions

Conversions Part 2

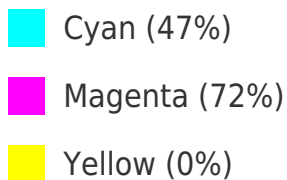
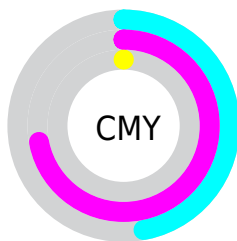
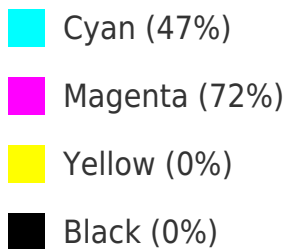
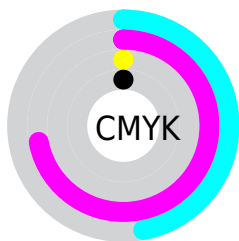
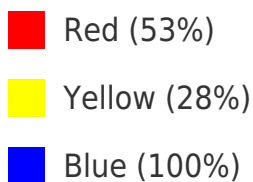
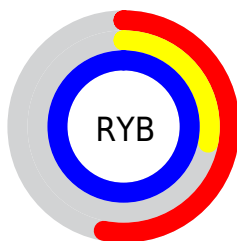
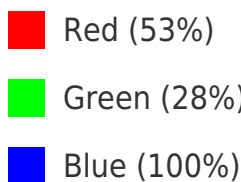
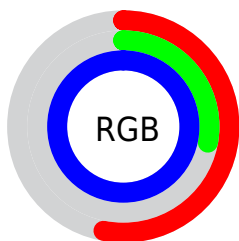
Format	Color
RYB	135, 71, 255
Decimal	8865791
CIELab	48.11, 65.23, -81.43
CIELCh	48, 104.335, 308.696
Yxy	16.8774, 0.2112, 0.1177
Android (android.graphics.Color)	4287055871 (0xFF8747FF)
YUV	111.1120, 70.9368, 20.9498
Hunter-Lab	41.0821, 59.7365, -110.1783

Details

The RGB color **135, 71, 255** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **191, 255, 71**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **196, 125, 255**, and **70, 8, 197** is the 20% darker color. If you saturate the color by 10%, you get **118, 46, 255**, and if you desaturate by 10%, it is **152, 97, 255**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 135, 71, 255 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, 71, 255 by changing the saturation by 10% instead.



135, 71, 255



135, 71, 255

255, 255, 255



104, 43, 226



196, 125, 255



70, 8, 197



227, 152, 255



24, 0, 169



255, 180, 255



0, 0, 141



255, 208, 255



0, 0, 115



255, 237, 255



0, 2, 89



0, 7, 65



0, 3, 42



0, 1, 20

 135, 71, 255

 135, 71, 255

 118, 46, 255

 152, 97, 255

 102, 20, 255

 168, 122, 255

 89, 0, 255

 185, 147, 255

 202, 173, 255

 218, 199, 255

 235, 224, 255

 251, 250, 255

255, 255, 255

Harmonies

Analogous

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



0, 120, 255



135, 71, 255



231, 0, 180

Triad

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



135, 71, 255



188, 84, 0



0, 147, 139

Complementary

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



135, 71, 255



191, 255, 71

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, 143, 42



135, 71, 255



117, 120, 0

Square

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



135, 71, 255



239, 0, 0



0, 136, 0



0, 147, 225

Rectangle

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



135, 71, 255



255, 0, 122



0, 136, 0



0, 146, 108

Sweetspot

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



135, 71, 255



218, 199, 255



71, 194, 255



106, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 71, 255



110, 33, 255



224, 71, 255



119, 115, 128



67, 0, 191



22, 0, 64

Inverse Universe

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



255, 71, 191



255, 33, 178



102, 255, 71



128, 115, 123



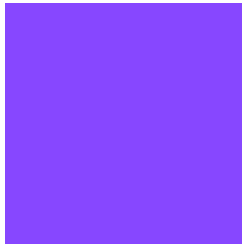
191, 0, 125



64, 0, 42

Previews

White Background



This preview shows how the RGB color 135, 71, 255 looks on a white background.

Color Contrast Check

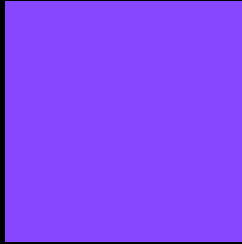
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 135, 71, 255 looks on a 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 135, 71, 255 Background



This preview shows how black text looks on a background with the RGB color 135, 71, 255.



This preview shows how white text looks on a background with the RGB color 135, 71, 255.

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


135, 71, 255

Protanopia

0, 110, 232

Deuteranopia

0, 117, 200



Tritanopia

101, 116, 125

Trichromacy



Original Color

135, 71, 255



Protanomaly

49, 96, 240



Deuteranomaly

49, 100, 220



Tritanomaly

113, 100, 172

Monochromacy



Original Color

135, 71, 255



Achromatopsia

111, 111, 111



Achromatomaly

120, 96, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 71, 255 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, 71, 255) looks like.

```
.text, #text, p{  
    color:rgb(135, 71, 255)  
}
```

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, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 71, 255) }
```

Border

The CSS property to change the border of an element to RGB 135, 71, 255 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, 71, 255) }
```

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

```
.border{ border-color:rgb(135, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(135, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 71,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 135, 71, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 71, 255) }
```

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

```
.background{ background-color: rgb(135, 71,  
255) }
```

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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