

Converting Colors

RGB(201, 81, 241)

Have a look what the booklet for
RGB(201, 81, 241) contains.

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Color

RGB(201, 81, 241)

Conversions

Conversions Part 1

Format	Color
Hex	C951F1
RGB	201, 81, 241
RGB Percent	79%, 32%, 95%
CMY	0.2118, 0.6824, 0.0549
CMYK	0.17, 0.66, 0.00, 0.05
HSL	285°, 85%, 63%
HSV	285°, 66%, 95%
XYZ	42.9070, 24.6532, 85.7162
YIQ	135.1200, 20.1600, 75.2000

Conversions

Conversions Part 2

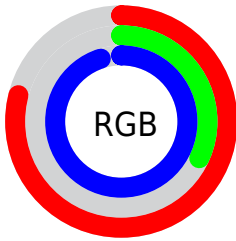
Format	Color
R _Y B	201, 81, 241
Decimal	13193713
CIE Lab	56.74, 70.04, -59.26
CIE LCh	57, 91.751, 319.765
Yxy	24.6532, 0.2799, 0.1608
Android (android.graphics.Color)	4291383793 (0xFFC951F1)
YUV	135.1200, 52.1988, 57.7768
Hunter-Lab	49.6520, 67.3605, -67.5982

Details

The RGB color **201, 81, 241** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **121, 241, 81**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 138, 255**, and **143, 6, 184** is the 20% darker color. If you saturate the color by 10%, you get **195, 57, 241**, and if you desaturate by 10%, it is **207, 105, 241**.

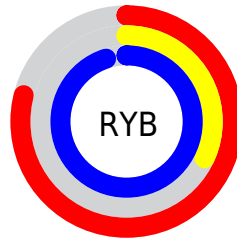
Distribution



Red (79%)

Green (32%)

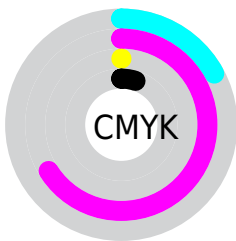
Blue (95%)



Red (79%)

Yellow (32%)

Blue (95%)

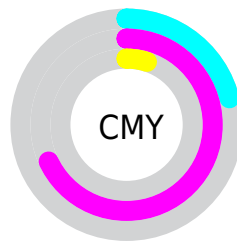


Cyan (17%)

Magenta (66%)

Yellow (0%)

Black (5%)



Cyan (21%)
















Magenta (68%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 81, 241 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 201, 81, 241 by changing the saturation by 10% instead.

 201, 81, 241	 201, 81, 241
255, 255, 255	 172, 51, 212
 255, 138, 255	 143, 6, 184
 255, 166, 255	 114, 0, 157
 255, 195, 255	 86, 0, 130
 255, 225, 255	 57, 0, 104
255, 254, 255	 28, 0, 79
	 0, 0, 55
	 0, 2, 32
	 0, 0, 5

■ 201, 81, 241

■ 201, 81, 241

■ 195, 57, 241

■ 207, 105, 241

■ 189, 33, 241

■ 213, 129, 241

■ 183, 9, 241

■ 219, 153, 241

■ 181, 0, 241

■ 225, 177, 241

■ 231, 202, 241

■ 237, 226, 241

■ 243, 250, 241

■ 249, 255, 241

■ 255, 255, 241

Harmonies

Analogous

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



0, 128, 255



201, 81, 241



255, 0, 167

Triad

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



201, 81, 241



188, 123, 0



0, 169, 188

Complementary

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



201, 81, 241



121, 241, 81

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, 167, 105



201, 81, 241



115, 148, 0

Square

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



201, 81, 241



242, 81, 0



0, 161, 0



0, 166, 255

Rectangle

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



201, 81, 241



255, 0, 114



0, 161, 0



0, 169, 161

Sweetspot

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



201, 81, 241



242, 204, 255



81, 121, 241



120, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 81, 241



204, 51, 255



241, 81, 201



117, 108, 120



138, 0, 184



42, 0, 56

Inverse Universe

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



241, 81, 121



255, 51, 102



81, 241, 121



120, 108, 111



184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 201, 81, 241 looks on a white background.

Color Contrast Check

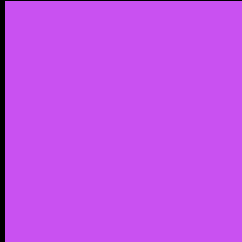
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 81, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

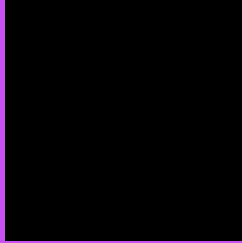
Any Text WCAG AA ✓ Pass

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 201, 81, 241 Background



This preview shows how black text looks on a background with the RGB color 201, 81, 241.

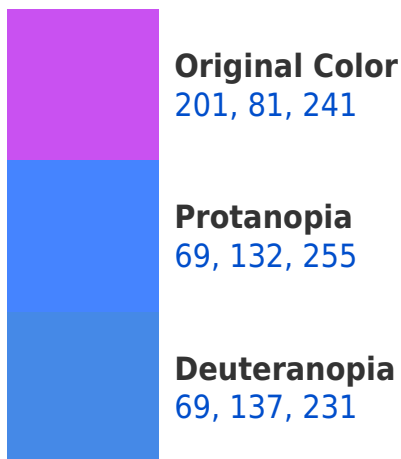


This preview shows how white text looks on a background with the RGB color 201, 81, 241.

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
184, 117, 126

Trichromacy



Original Color

201, 81, 241



Protanomaly

117, 113, 250



Deuteranomaly

117, 117, 235



Tritanomaly

190, 104, 168

Monochromacy



Original Color

201, 81, 241



Achromatopsia

135, 135, 135



Achromatomaly

159, 115, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 81, 241 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(201, 81, 241)` looks like.

```
.text, #text, p{  
    color:rgb(201, 81, 241)  
}
```

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(201, 81, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 81, 241) }
```

Border

The CSS property to change the border of an element to RGB 201, 81, 241 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(201, 81, 241) }
```

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

```
.border{ border-color:rgb(201, 81, 241) }
```

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

Here you see how a box with a 4 pixel rgb(201, 81, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 81, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 81, 241);  
box-shadow:4px 4px 4px 4px rgb(201, 81,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 201, 81, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 81, 241) }
```

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

```
.background{ background-color: rgb(201, 81,  
241) }
```

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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