

Converting Colors

RGB(201, 91, 237)

Have a look what the booklet for
RGB(201, 91, 237) contains.

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Color

RGB(201, 91, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C95BED
RGB	201, 91, 237
RGB Percent	79%, 36%, 93%
CMY	0.2118, 0.6431, 0.0706
CMYK	0.15, 0.62, 0.00, 0.07
HSL	285°, 80%, 64%
HSV	285°, 62%, 93%
XYZ	43.1145, 26.0141, 82.8696
YIQ	140.5340, 18.6940, 68.7260

Conversions

Conversions Part 2

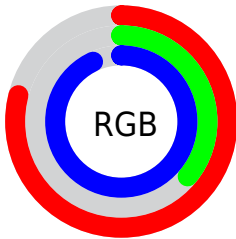
Format	Color
R _{YB}	201, 91, 237
Decimal	13196269
CIE _{Lab}	58.05, 64.99, -54.93
CIE _{LCh}	58, 85.098, 319.797
Y _{xy}	26.0141, 0.2837, 0.1711
Android (android.graphics.Color)	4291386349 (0xFFC95BED)
YUV	140.5340, 47.5577, 53.0287
Hunter-Lab	51.0040, 61.6320, -60.6296

Details

The RGB color **201, 91, 237** 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 **127, 237, 91**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 147, 255**, and **143, 30, 180** is the 20% darker color. If you saturate the color by 10%, you get **195, 67, 237**, and if you desaturate by 10%, it is **207, 115, 237**.

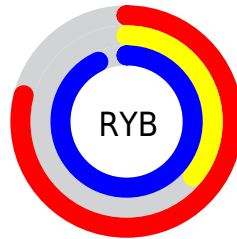
Distribution



Red (79%)

Green (36%)

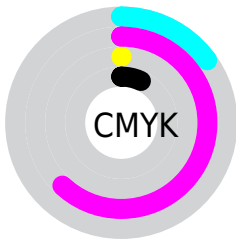
Blue (93%)



Red (79%)

Yellow (36%)

Blue (93%)

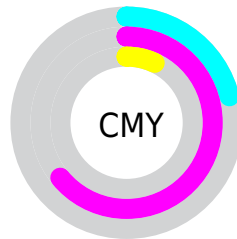


Cyan (15%)

Magenta (62%)

Yellow (0%)

Black (7%)



Cyan (21%)

















Magenta (64%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 91, 237 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, 91, 237 by changing the saturation by 10% instead.

 201, 91, 237	 201, 91, 237
 255, 255, 255	 172, 63, 208
 255, 147, 255	 143, 30, 180
 255, 175, 255	 115, 0, 153
 255, 204, 255	 87, 0, 126
 255, 233, 255	 59, 0, 101
	 33, 0, 76
	 0, 0, 52
	 0, 2, 30
	 0, 0, 0

■ 201, 91, 237

■ 201, 91, 237

■ 195, 67, 237

■ 207, 115, 237

■ 189, 44, 237

■ 213, 138, 237

■ 183, 20, 237

■ 219, 162, 237

■ 179, 0, 237

■ 224, 186, 237

■ 230, 210, 237

■ 236, 233, 237

■ 242, 255, 237

■ 248, 255, 237

■ 254, 255, 237

Harmonies

Analogous

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



49, 131, 255



201, 91, 237



255, 41, 168

Triad

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



201, 91, 237



190, 127, 0



0, 171, 188

Complementary

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



201, 91, 237



127, 237, 91

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, 170, 111



201, 91, 237



122, 151, 0

Square

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



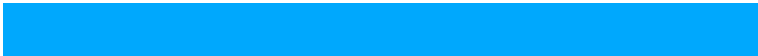
201, 91, 237



240, 91, 14



0, 164, 24



0, 168, 253

Rectangle

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



201, 91, 237



255, 31, 119



0, 164, 24



0, 171, 163

Sweetspot

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



201, 91, 237



244, 209, 255



91, 128, 237



121, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 91, 237



208, 66, 255



237, 91, 200



114, 106, 117



136, 0, 181



40, 0, 54

Inverse Universe

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



237, 91, 127



255, 66, 113



91, 237, 128



117, 106, 108



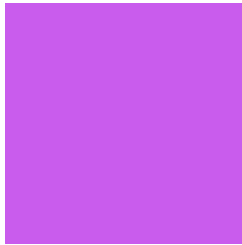
181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RGB color 201, 91, 237 looks on a white background.

Color Contrast Check

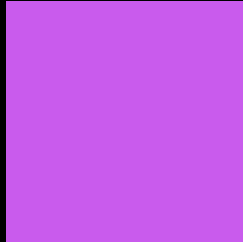
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

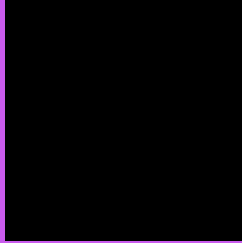
Any Text WCAG AA ✓ Pass

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, 91, 237 Background



This preview shows how black text looks on a background with the RGB color 201, 91, 237.

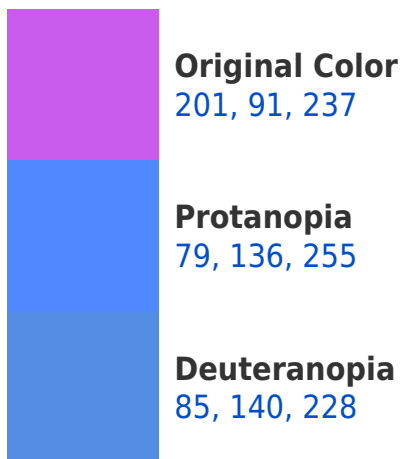


This preview shows how white text looks on a background with the RGB color 201, 91, 237.

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
186, 122, 131

Trichromacy



Original Color
201, 91, 237



Protanomaly
123, 120, 248



Deuteranomaly
127, 122, 231



Tritanomaly
191, 111, 170

Monochromacy



Original Color
201, 91, 237



Achromatopsia
141, 141, 141



Achromatomaly
163, 123, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 91, 237 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, 91, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 91, 237)  
}
```

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, 91, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 91, 237) }
```

Border

The CSS property to change the border of an element to RGB 201, 91, 237 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, 91, 237) }
```

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

```
.border{ border-color:rgb(201, 91, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 91, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 91, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 91, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 91,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 201, 91, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 91, 237) }
```

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

```
.background{ background-color: rgb(201, 91,  
237) }
```

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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