

Converting Colors

RGB(213, 90, 244)

Have a look what the booklet for
RGB(213, 90, 244) contains.

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Color

RGB(213, 90, 244)

Conversions

Conversions Part 1

Format	Color
Hex	D55AF4
RGB	213, 90, 244
RGB Percent	84%, 35%, 96%
CMY	0.1647, 0.6471, 0.0431
CMYK	0.13, 0.63, 0.00, 0.04
HSL	288°, 88%, 65%
HSV	288°, 63%, 96%
XYZ	47.4259, 27.9901, 88.4910
YIQ	144.3330, 23.8740, 73.9700

Conversions

Conversions Part 2

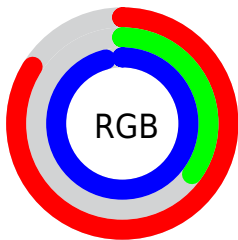
Format	Color
R _{YB}	213, 90, 244
Decimal	13982452
CIE Lab	59.88, 69.51, -55.81
CIE LCh	60, 89.146, 321.236
Yxy	27.9901, 0.2893, 0.1708
Android (android.graphics.Color)	4292172532 (0xFFD55AF4)
YUV	144.3330, 49.1358, 60.2210
Hunter-Lab	52.9057, 67.4265, -62.1355

Details

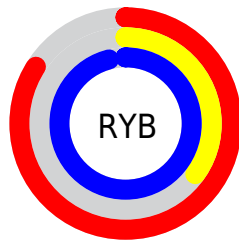
The RGB color **213, 90, 244** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **121, 244, 90**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 147, 255**, and **155, 24, 187** is the 20% darker color. If you saturate the color by 10%, you get **208, 66, 244**, and if you desaturate by 10%, it is **218, 114, 244**.

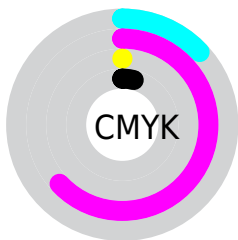
Distribution



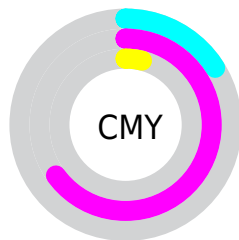
- Red (84%)
- Green (35%)
- Blue (96%)



- Red (84%)
- Yellow (35%)
- Blue (96%)



- Cyan (13%)
- Magenta (63%)
- Yellow (0%)
- Black (4%)



















- Cyan (16%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RGB color 213, 90, 244 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 213, 90, 244 by changing the saturation by 10% instead.


 213, 90, 244	 213, 90, 244
 255, 255, 255	 184, 60, 215
 255, 147, 255	 155, 24, 187
 255, 176, 255	 126, 0, 159
 255, 205, 255	 98, 0, 133
 255, 234, 255	 70, 0, 107
	 44, 0, 82
	 3, 0, 58
	 0, 2, 35
	 0, 0, 9

 213, 90, 244


 213, 90, 244

 208, 66, 244

 218, 114, 244

 203, 41, 244

 223, 139, 244

 198, 17, 244

 228, 163, 244

 195, 0, 244

 233, 188, 244

 238, 212, 244

 242, 236, 244

 247, 255, 244

 252, 255, 244

 255, 255, 244

Harmonies

Analogous

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



62, 134, 255



213, 90, 244



255, 33, 171

Triad

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



213, 90, 244



194, 133, 0



0, 178, 199

Complementary

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



213, 90, 244



121, 244, 90

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, 176, 118



213, 90, 244



122, 157, 0

Square

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



213, 90, 244



248, 94, 0



0, 170, 27



0, 174, 255

Rectangle

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



213, 90, 244



255, 23, 119



0, 170, 27



0, 177, 173

Sweetspot

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



213, 90, 244



245, 207, 255



90, 123, 244



122, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 90, 244



216, 61, 255



244, 90, 200



120, 110, 122



149, 0, 186



47, 0, 59

Inverse Universe

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



244, 90, 121



255, 61, 100



90, 244, 134



122, 110, 113



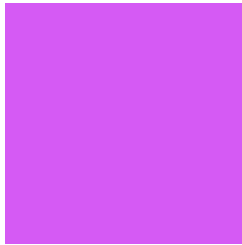
186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RGB color 213, 90, 244 looks on a white background.

Color Contrast Check

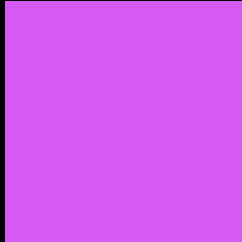
Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 90, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

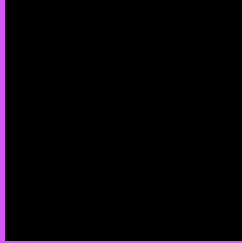
Any Text WCAG AA ✓ Pass

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 213, 90, 244 Background



This preview shows how black text looks on a background with the RGB color 213, 90, 244.

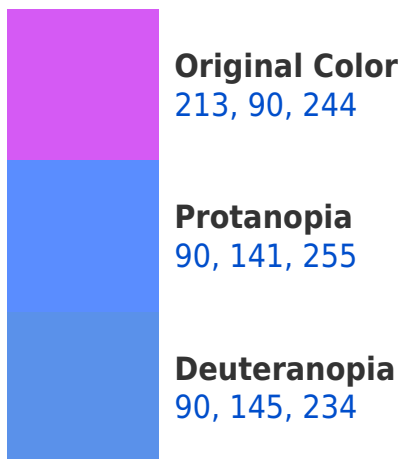


This preview shows how white text looks on a background with the RGB color 213, 90, 244.

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
198, 123, 132

Trichromacy



Original Color

213, 90, 244



Protanomaly

135, 122, 251



Deuteranomaly

135, 125, 238



Tritanomaly

203, 111, 173

Monochromacy



Original Color

213, 90, 244



Achromatopsia

144, 144, 144



Achromatomaly

169, 124, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 90, 244 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(213, 90, 244)` looks like.

```
.text, #text, p{  
    color:rgb(213, 90, 244)  
}
```

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(213, 90, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 90, 244) }
```

Border

The CSS property to change the border of an element to RGB 213, 90, 244 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(213, 90, 244) }
```

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

```
.border{ border-color:rgb(213, 90, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 90, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 90, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 90, 244);  
box-shadow:4px 4px 4px 4px rgb(213, 90,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 213, 90, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 90, 244) }
```

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

```
.background{ background-color: rgb(213, 90,  
244) }
```

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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