

Converting Colors

RGB(214, 88, 245)

Have a look what the booklet for
RGB(214, 88, 245) contains.

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Color

RGB(214, 88, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D658F5
RGB	214, 88, 245
RGB Percent	84%, 35%, 96%
CMY	0.1608, 0.6549, 0.0392
CMYK	0.13, 0.64, 0.00, 0.04
HSL	288°, 89%, 65%
HSV	288°, 64%, 96%
XYZ	47.7027, 27.8682, 89.2511
YIQ	143.5720, 24.6990, 75.5390

Conversions

Conversions Part 2

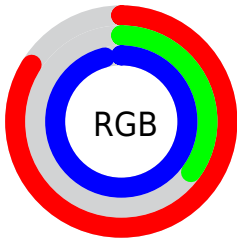
Format	Color
R _{YB}	214, 88, 245
Decimal	14047477
CIE _{Lab}	59.77, 70.76, -56.54
CIE _{LCh}	60, 90.570, 321.373
Yxy	27.8682, 0.2894, 0.1691
Android (android.graphics.Color)	4292237557 (0xFFD658F5)
YUV	143.5720, 50.0040, 61.7654
Hunter-Lab	52.7903, 68.9143, -63.2867

Details

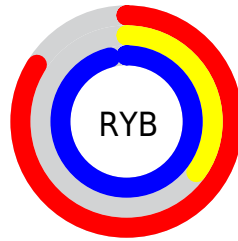
The RGB color **214, 88, 245** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **119, 245, 88**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 145, 255**, and **155, 19, 188** is the 20% darker color. If you saturate the color by 10%, you get **209, 64, 245**, and if you desaturate by 10%, it is **219, 113, 245**.

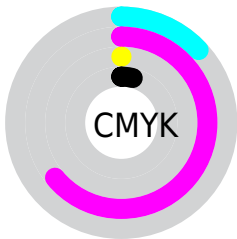
Distribution



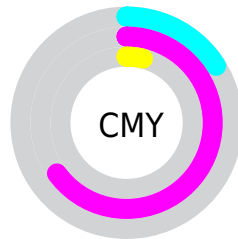
- Red (84%)
- Green (35%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (64%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 88, 245 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 214, 88, 245 by changing the saturation by 10% instead.



214, 88, 245



214, 88, 245

255, 255, 255



184, 58, 216



255, 145, 255



155, 19, 188



255, 174, 255



127, 0, 160



255, 203, 255



98, 0, 133



255, 232, 255



70, 0, 107



45, 0, 83



4, 0, 58



0, 2, 35



0, 0, 11

■ 214, 88, 245

■ 214, 88, 245

■ 209, 64, 245

■ 219, 113, 245

■ 204, 39, 245

■ 224, 137, 245

■ 199, 15, 245

■ 229, 162, 245

■ 197, 0, 245

■ 233, 186, 245

■ 238, 211, 245

■ 243, 235, 245

■ 248, 255, 245

■ 253, 255, 245

■ 255, 255, 245

Harmonies

Analogous

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



59, 133, 255



214, 88, 245



255, 23, 171

Triad

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



214, 88, 245



194, 133, 0



0, 178, 200

Complementary

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



214, 88, 245



119, 245, 88

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, 117



214, 88, 245



120, 157, 0

Square

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



214, 88, 245



248, 93, 0



0, 170, 23



0, 174, 255

Rectangle

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



214, 88, 245



255, 9, 118



0, 170, 23



0, 177, 173

Sweetspot

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



214, 88, 245



245, 207, 255



88, 119, 245



122, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 88, 245



216, 59, 255



245, 88, 198



120, 110, 122



149, 0, 186



47, 0, 59

Inverse Universe

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



245, 88, 119



255, 59, 97



88, 245, 135



122, 110, 113



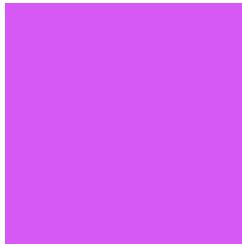
186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RGB color 214, 88, 245 looks on a white background.

Color Contrast Check

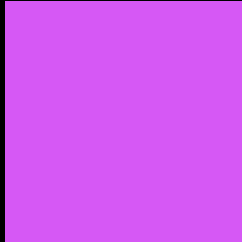
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 88, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

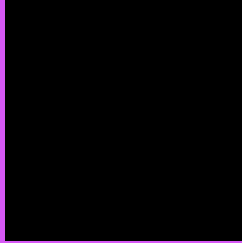
Any Text WCAG AA ✓ Pass

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 214, 88, 245 Background



This preview shows how black text looks on a background with the RGB color 214, 88, 245.



This preview shows how white text looks on a background with the RGB color 214, 88, 245.

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
214, 88, 245

Protanopia
89, 141, 255

Deuteranopia
88, 145, 235



Tritanopia
198, 122, 131

Trichromacy



Original Color

214, 88, 245



Protanomaly

134, 122, 251



Deuteranomaly

134, 124, 239



Tritanomaly

204, 110, 172

Monochromacy



Original Color

214, 88, 245



Achromatopsia

144, 144, 144



Achromatomaly

169, 124, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 88, 245 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(214, 88, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 88, 245)  
}
```

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(214, 88, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 88, 245) }
```

Border

The CSS property to change the border of an element to RGB 214, 88, 245 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(214, 88, 245) }
```

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

```
.border{ border-color:rgb(214, 88, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 88, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 88, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 88, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 88,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 214, 88, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 88, 245) }
```

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

```
.background{ background-color: rgb(214, 88,  
245) }
```

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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