

Converting Colors

RGB(207, 87, 247)

Have a look what the booklet for
RGB(207, 87, 247) contains.

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Color

RGB(207, 87, 247)

Conversions

Conversions Part 1

Format	Color
Hex	CF57F7
RGB	207, 87, 247
RGB Percent	81%, 34%, 97%
CMY	0.1882, 0.6588, 0.0314
CMYK	0.16, 0.65, 0.00, 0.03
HSL	285°, 91%, 65%
HSV	285°, 65%, 97%
XYZ	45.9288, 26.7972, 90.7473
YIQ	141.1200, 20.1600, 75.2000

Conversions

Conversions Part 2

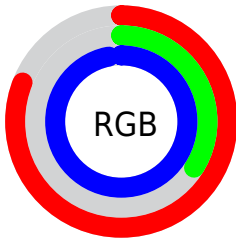
Format	Color
R _{YB}	207, 87, 247
Decimal	13588471
CIE _{Lab}	58.79, 70.01, -59.27
CIE _{LCh}	59, 91.730, 319.746
Yxy	26.7972, 0.2810, 0.1639
Android (android.graphics.Color)	4291778551 (0xFFCF57F7)
YUV	141.1200, 52.1988, 57.7768
Hunter-Lab	51.7660, 67.7817, -67.7009

Details

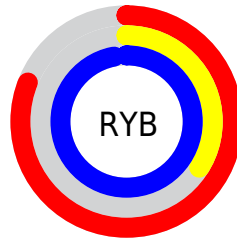
The RGB color **207, 87, 247** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **127, 247, 87**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 144, 255**, and **149, 19, 190** is the 20% darker color. If you saturate the color by 10%, you get **201, 62, 247**, and if you desaturate by 10%, it is **213, 112, 247**.

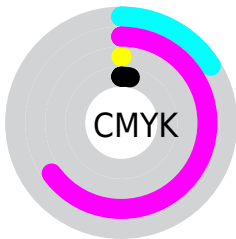
Distribution



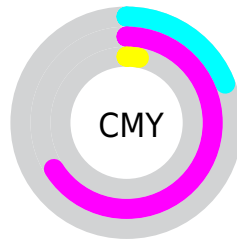
- Red (81%)
- Green (34%)
- Blue (97%)



- Red (81%)
- Yellow (34%)
- Blue (97%)



- Cyan (16%)
- Magenta (65%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (66%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 87, 247 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 207, 87, 247 by changing the saturation by 10% instead.



207, 87, 247



207, 87, 247

255, 255, 255



178, 57, 218



255, 144, 255



149, 19, 190



255, 172, 255



120, 0, 162



255, 201, 255



91, 0, 135



255, 231, 255



63, 0, 109



36, 0, 84



0, 0, 60



0, 2, 37



0, 1, 13

■ 207, 87, 247

■ 207, 87, 247

■ 201, 62, 247

■ 213, 112, 247

■ 195, 38, 247

■ 219, 136, 247

■ 188, 13, 247

■ 226, 161, 247

■ 185, 0, 247

■ 232, 186, 247

■ 238, 211, 247

■ 244, 235, 247

■ 250, 255, 247

■ 255, 255, 247

Harmonies

Analogous

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



0, 133, 255



207, 87, 247



255, 8, 173

Triad

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



207, 87, 247



194, 128, 0



0, 175, 194

Complementary

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



207, 87, 247



127, 247, 87

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, 173, 110



207, 87, 247



121, 154, 0

Square

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



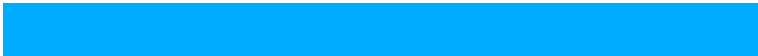
207, 87, 247



249, 87, 0



0, 167, 3



0, 172, 255

Rectangle

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



207, 87, 247



255, 0, 119



0, 167, 3



0, 175, 167

Sweetspot

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



207, 87, 247



243, 207, 255



87, 127, 247



120, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 87, 247



205, 56, 255



247, 87, 207



119, 110, 122



140, 0, 186



44, 0, 59

Inverse Universe

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



247, 87, 127



255, 56, 106



87, 247, 127



122, 110, 113



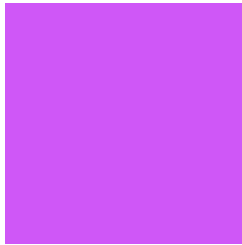
186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RGB color 207, 87, 247 looks on a white background.

Color Contrast Check

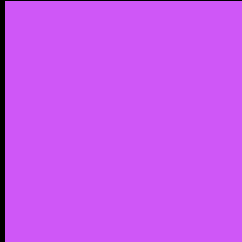
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 87, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

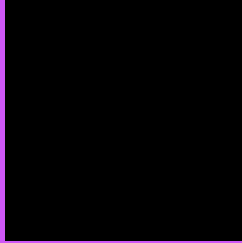
Any Text WCAG AA ✓ Pass

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 207, 87, 247 Background



This preview shows how black text looks on a background with the RGB color 207, 87, 247.

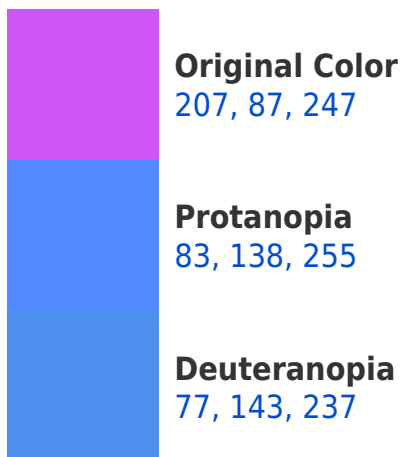


This preview shows how white text looks on a background with the RGB color 207, 87, 247.

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
190, 122, 131

Trichromacy



Original Color

207, 87, 247



Protanomaly

128, 119, 252



Deuteranomaly

124, 123, 241



Tritanomaly

196, 109, 173

Monochromacy



Original Color

207, 87, 247



Achromatopsia

141, 141, 141



Achromatomaly

165, 121, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 87, 247 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(207, 87, 247)` looks like.

```
.text, #text, p{  
    color:rgb(207, 87, 247)  
}
```

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(207, 87, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 87, 247) }
```

Border

The CSS property to change the border of an element to RGB 207, 87, 247 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(207, 87, 247) }
```

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

```
.border{ border-color:rgb(207, 87, 247) }
```

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

Here you see how a box with a 4 pixel rgb(207, 87, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 87, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 87, 247);  
box-shadow:4px 4px 4px 4px rgb(207, 87,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 207, 87, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 87, 247) }
```

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

```
.background{ background-color: rgb(207, 87,  
247) }
```

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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