

Converting Colors

RGB(203, 84, 225)

Have a look what the booklet for
RGB(203, 84, 225) contains.

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Color

RGB(203, 84, 225)

Conversions

Conversions Part 1

Format	Color
Hex	CB54E1
RGB	203, 84, 225
RGB Percent	80%, 33%, 88%
CMY	0.2039, 0.6706, 0.1176
CMYK	0.10, 0.63, 0.00, 0.12
HSL	291°, 70%, 61%
HSV	291°, 63%, 88%
XYZ	41.3895, 24.4734, 73.7765
YIQ	135.6550, 25.6630, 69.0790

Conversions

Conversions Part 2

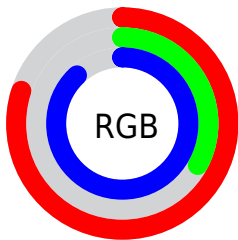
Format	Color
R _{YB}	203, 84, 225
Decimal	13325537
CIE _{Lab}	56.56, 66.23, -50.56
CIE _{LCh}	57, 83.325, 322.641
Yxy	24.4734, 0.2964, 0.1753
Android (android.graphics.Color)	4291515617 (0xFFCB54E1)
YUV	135.6550, 44.0471, 59.0616
Hunter-Lab	49.4706, 62.7683, -53.7910

Details

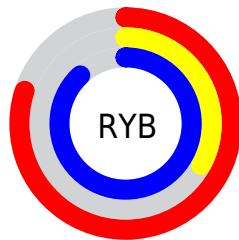
The RGB color **203, 84, 225** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **106, 225, 84**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 140, 255**, and **145, 17, 169** is the 20% darker color. If you saturate the color by 10%, you get **199, 61, 225**, and if you desaturate by 10%, it is **207, 106, 225**.

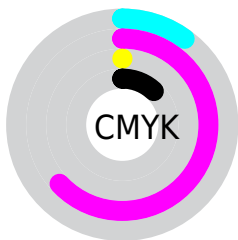
Distribution



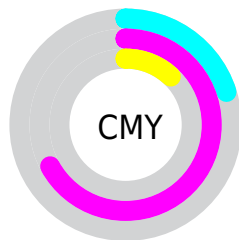
- Red (80%)
- Green (33%)
- Blue (88%)



- Red (80%)
- Yellow (33%)
- Blue (88%)



- Cyan (10%)
- Magenta (63%)
- Yellow (0%)
- Black (12%)



















- Cyan (20%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 84, 225 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 203, 84, 225 by changing the saturation by 10% instead.

 203, 84, 225	 203, 84, 225
 255, 255, 255	 174, 54, 197
 255, 140, 255	 145, 17, 169
 255, 169, 255	 117, 0, 142
 255, 197, 255	 89, 0, 116
 255, 227, 255	 62, 0, 90
	 36, 0, 66
	 0, 0, 43
	 0, 1, 21
	 0, 0, 0

■ 203, 84, 225

■ 203, 84, 225

■ 199, 61, 225

■ 207, 106, 225

■ 196, 39, 225

■ 210, 129, 225

■ 192, 16, 225

■ 214, 152, 225

■ 190, 0, 225

■ 217, 174, 225

■ 221, 196, 225

■ 224, 219, 225

■ 228, 241, 225

■ 231, 255, 225

■ 235, 255, 225

Harmonies

Analogous

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



77, 125, 255



203, 84, 225



252, 36, 157

Triad

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



203, 84, 225



179, 126, 0



0, 167, 190

Complementary

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



203, 84, 225



106, 225, 84

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, 165, 115



203, 84, 225



112, 148, 0

Square

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



203, 84, 225



230, 92, 0



0, 160, 34



0, 163, 251

Rectangle

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



203, 84, 225



255, 33, 109



0, 160, 34



0, 167, 166

Sweetspot

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



203, 84, 225



247, 207, 255



84, 108, 225



123, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 84, 225



225, 64, 255



225, 84, 178



110, 101, 112



148, 0, 176



41, 0, 48

Inverse Universe

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



225, 84, 106



255, 64, 94



84, 225, 131



112, 101, 103



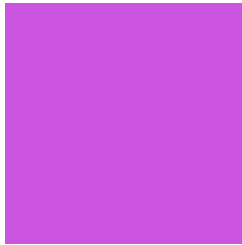
176, 0, 27



48, 0, 8

Previews

White Background



This preview shows how the RGB color 203, 84, 225 looks on a white background.

Color Contrast Check

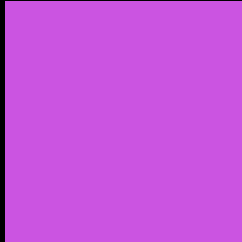
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 84, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

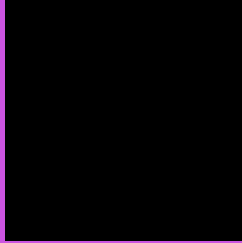
Any Text WCAG AA ✓ Pass

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 203, 84, 225 Background



This preview shows how black text looks on a background with the RGB color 203, 84, 225.

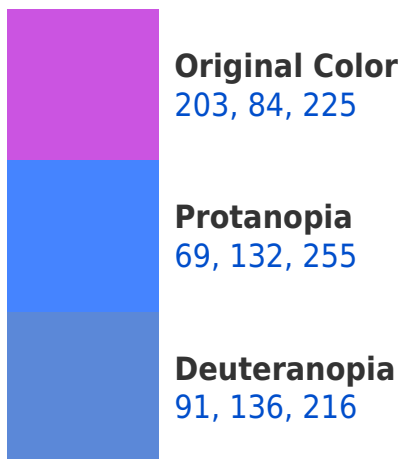


This preview shows how white text looks on a background with the RGB color 203, 84, 225.

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
189, 114, 123

Trichromacy



Original Color
203, 84, 225



Protanomaly
118, 115, 244



Deuteranomaly
132, 117, 219



Tritanomaly
194, 103, 160

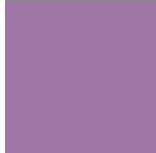
Monochromacy



Original Color
203, 84, 225



Achromatopsia
136, 136, 136



Achromatomaly
160, 117, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 84, 225 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(203, 84, 225) looks like.

```
.text, #text, p{  
    color:rgb(203, 84, 225)  
}
```

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(203, 84, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 84, 225) }
```

Border

The CSS property to change the border of an element to RGB 203, 84, 225 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(203, 84, 225) }
```

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

```
.border{ border-color:rgb(203, 84, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 84, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 84, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 84, 225);  
box-shadow:4px 4px 4px 4px rgb(203, 84,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 203, 84, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 84, 225) }
```

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

```
.background{ background-color: rgb(203, 84,  
225) }
```

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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