

Converting Colors

RGB(207, 83, 205)

Have a look what the booklet for
RGB(207, 83, 205) contains.

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Color

RGB(207, 83, 205)

Conversions

Conversions Part 1

Format	Color
Hex	CF53CD
RGB	207, 83, 205
RGB Percent	81%, 33%, 80%
CMY	0.1882, 0.6745, 0.1961
CMYK	0.00, 0.60, 0.01, 0.19
HSL	301°, 56%, 57%
HSV	301°, 60%, 81%
XYZ	39.8448, 23.8597, 60.2629
YIQ	133.9840, 34.7420, 64.2300

Conversions

Conversions Part 2

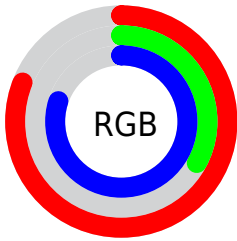
Format	Color
R _Y B	207, 83, 205
Decimal	13587405
CIE Lab	55.95, 64.09, -40.16
CIE LCh	56, 75.636, 327.928
Yxy	23.8597, 0.3214, 0.1925
Android (android.graphics.Color)	4291777485 (0xFFCF53CD)
YUV	133.9840, 35.0109, 64.0350
Hunter-Lab	48.8464, 60.1243, -38.9550

Details

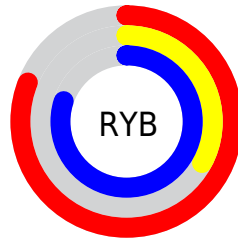
The RGB color **207, 83, 205** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **83, 207, 85**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 139, 255**, and **149, 15, 150** is the 20% darker color. If you saturate the color by 10%, you get **207, 62, 205**, and if you desaturate by 10%, it is **207, 104, 205**.

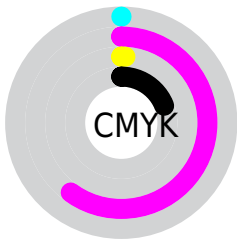
Distribution



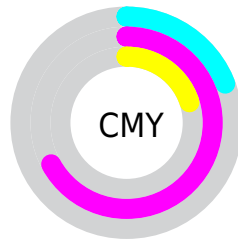
- Red (81%)
- Green (33%)
- Blue (80%)



- Red (81%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 83, 205 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, 83, 205 by changing the saturation by 10% instead.

 207, 83, 205

 207, 83, 205


255, 255, 255

 178, 53, 177

 255, 139, 255

 149, 15, 150

 255, 168, 255

 121, 0, 124

 255, 196, 255

 94, 0, 99

 255, 226, 255

 67, 0, 74


 42, 0, 51

 0, 0, 28

 0, 0, 0

 207, 83, 205

 207, 83, 205

 207, 62, 205

 207, 104, 205

 207, 42, 204

 207, 124, 206

 207, 21, 204

 207, 145, 206

 207, 0, 204

 207, 166, 206

 207, 0, 204

 207, 187, 207

 207, 207, 207

 207, 228, 207

 207, 249, 208

 207, 255, 208

Harmonies

Analogous

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



117, 119, 252



207, 83, 205



244, 54, 142

Triad

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



207, 83, 205



166, 130, 0



0, 163, 194

Complementary

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



207, 83, 205



83, 207, 85

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, 162, 127



207, 83, 205



101, 148, 0

Square

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



207, 83, 205



215, 102, 2



0, 158, 58



0, 158, 246

Rectangle

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



207, 83, 205



248, 58, 98



0, 158, 58



0, 163, 173

Sweetspot

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



207, 83, 205



255, 209, 254



83, 83, 207



128, 99, 127



0, 0, 0



128, 128, 128

Same Dimension

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



207, 83, 205



255, 71, 252



207, 83, 145



105, 94, 104



168, 0, 166



41, 0, 40

Inverse Universe

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



207, 83, 205



255, 71, 252



83, 207, 145



105, 94, 104



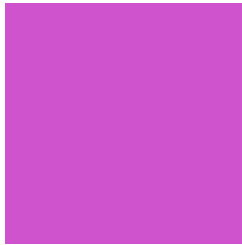
168, 0, 166



41, 0, 40

Previews

White Background



This preview shows how the RGB color 207, 83, 205 looks on a white background.

Color Contrast Check

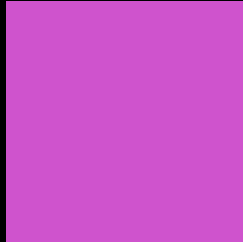
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

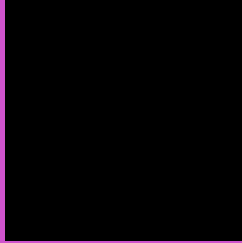
Any Text WCAG AA ✓ Pass

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, 83, 205 Background



This preview shows how black text looks on a background with the RGB color 207, 83, 205.

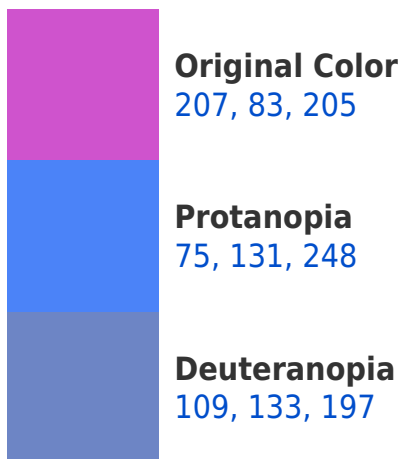



This preview shows how white text looks on a background with the RGB color 207, 83, 205.

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
197, 108, 116

Trichromacy



Original Color

207, 83, 205



Protanomaly

123, 114, 232



Deuteranomaly

145, 115, 200



Tritanomaly

201, 99, 148

Monochromacy



Original Color

207, 83, 205



Achromatopsia

134, 134, 134



Achromatomaly

161, 115, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 83, 205 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, 83, 205) looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 205)  
}
```

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, 83, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 205) }
```

Border

The CSS property to change the border of an element to RGB 207, 83, 205 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, 83, 205) }
```

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

```
.border{ border-color:rgb(207, 83, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 83, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 83,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 207, 83, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 205) }
```

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

```
.background{ background-color: rgb(207, 83,  
205) }
```

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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