

Converting Colors

RGB(203, 135, 212)

Have a look what the booklet for
RGB(203, 135, 212) contains.

RGB(203, 135, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(203, 135, 212)

Conversions

Conversions Part 1

Format	Color
Hex	CB87D4
RGB	203, 135, 212
RGB Percent	80%, 53%, 83%
CMY	0.2039, 0.4706, 0.1686
CMYK	0.04, 0.36, 0.00, 0.17
HSL	293°, 47%, 68%
HSV	293°, 36%, 83%
XYZ	45.1762, 34.7779, 66.6191
YIQ	164.1100, 15.8110, 38.3630

Conversions

Conversions Part 2

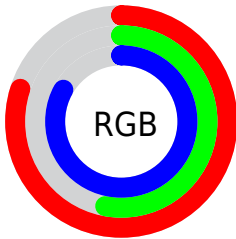
Format	Color
R_{YB}	203, 135, 212
Decimal	13338580
CIE _{Lab}	65.58, 38.59, -29.14
CIE _{LCh}	66, 48.356, 322.940
Yxy	34.7779, 0.3082, 0.2373
Android (android.graphics.Color)	4291528660 (0xFFFCB87D4)
YUV	164.1100, 23.6098, 34.1065
Hunter-Lab	58.9728, 33.5379, -25.6965

Details

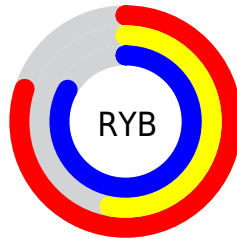
The RGB color **203, 135, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **144, 212, 135**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 189, 255**, and **148, 84, 157** is the 20% darker color. If you saturate the color by 10%, you get **201, 114, 212**, and if you desaturate by 10%, it is **205, 156, 212**.

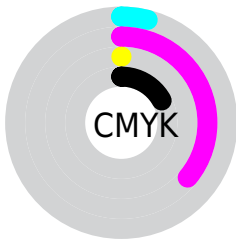
Distribution



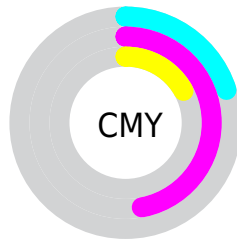
- Red (80%)
- Green (53%)
- Blue (83%)



- Red (80%)
- Yellow (53%)
- Blue (83%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 135, 212 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, 135, 212 by changing the saturation by 10% instead.

 203, 135, 212

 203, 135, 212


255, 255, 255

 175, 109, 184

 255, 189, 255

 148, 84, 157

 255, 218, 255


 121, 59, 131

 255, 246, 255

 95, 34, 105

 70, 6, 81

 46, 0, 58


 21, 0, 36

 0, 0, 10


 0, 0, 0

 203, 135, 212


 203, 135, 212


 201, 114, 212


 205, 156, 212

 198, 93, 212


 208, 177, 212

 196, 71, 212

 210, 199, 212

 193, 50, 212

 213, 220, 212

 191, 29, 212

 215, 241, 212

 188, 8, 212

 218, 255, 212

 187, 0, 212

 220, 255, 212

 223, 255, 212

 225, 255, 212

Harmonies

Analogous

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



146, 152, 239



203, 135, 212



234, 124, 171

Triad

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



203, 135, 212



194, 153, 71



0, 181, 192

Complementary

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



203, 135, 212



144, 212, 135

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, 181, 147



203, 135, 212



152, 167, 76

Square

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



203, 135, 212



225, 137, 91



100, 176, 105



0, 177, 227

Rectangle

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



203, 135, 212



241, 123, 142



100, 176, 105



0, 181, 177

Sweetspot

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



203, 135, 212



252, 227, 255



135, 145, 212



126, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 135, 212



242, 143, 255



212, 135, 184



106, 96, 107



151, 0, 171



38, 0, 43

Inverse Universe

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



212, 135, 144



255, 143, 156



135, 212, 163



107, 96, 98



171, 0, 20



43, 0, 5

Previews

White Background



This preview shows how the RGB color 203, 135, 212 looks on a white background.

Color Contrast Check

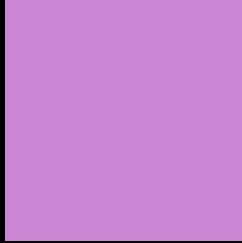
Large Text (above 18pt) WCAG AA × Fail

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, 135, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

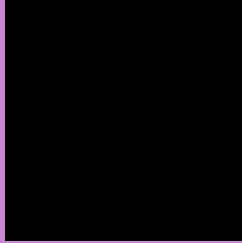
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 203, 135, 212 Background



This preview shows how black text looks on a background with the RGB color 203, 135, 212.

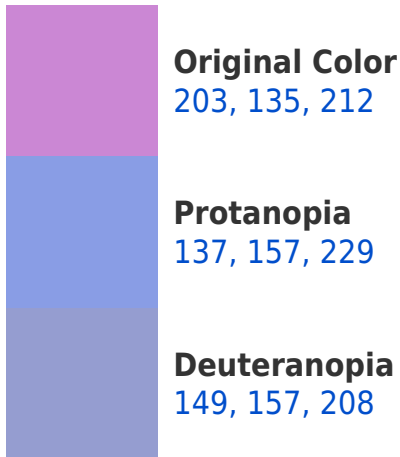


This preview shows how white text looks on a background with the RGB color 203, 135, 212.

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
195, 146, 157

Trichromacy



Original Color

203, 135, 212



Protanomaly

161, 149, 223



Deuteranomaly

169, 149, 209



Tritanomaly

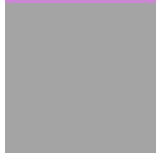
198, 142, 177

Monochromacy



Original Color

203, 135, 212



Achromatopsia

164, 164, 164



Achromatomaly

178, 153, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 135, 212 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, 135, 212)` looks like.

```
.text, #text, p{  
    color:rgb(203, 135, 212)  
}
```

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, 135, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 135, 212) }
```

Border

The CSS property to change the border of an element to RGB 203, 135, 212 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, 135, 212) }
```

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

```
.border{ border-color:rgb(203, 135, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 135, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 135, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 135, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 135,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 203, 135, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 135, 212) }
```

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

```
.background{ background-color: rgb(203,  
135, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor