

Converting Colors

RGB(212, 83, 187)

Have a look what the booklet for
RGB(212, 83, 187) contains.

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Color

RGB(212, 83, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D453BB
RGB	212, 83, 187
RGB Percent	83%, 33%, 73%
CMY	0.1686, 0.6745, 0.2667
CMYK	0.00, 0.61, 0.12, 0.17
HSL	312°, 60%, 58%
HSV	312°, 61%, 83%
XYZ	39.2143, 23.7714, 49.5352
YIQ	133.4270, 43.5000, 59.6920

Conversions

Conversions Part 2

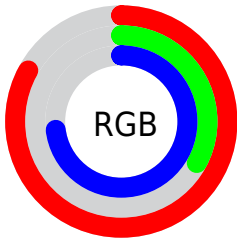
Format	Color
R _Y B	212, 83, 187
Decimal	13915067
CIE _{Lab}	55.86, 62.49, -29.93
CIE _{LCh}	56, 69.288, 334.410
Yxy	23.7714, 0.3485, 0.2113
Android (android.graphics.Color)	4292105147 (0xFFD453BB)
YUV	133.4270, 26.4115, 68.9085
Hunter-Lab	48.7559, 58.2442, -26.1085

Details

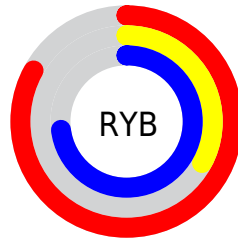
The RGB color **212, 83, 187** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **83, 212, 108**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 139, 243**, and **154, 15, 133** is the 20% darker color. If you saturate the color by 10%, you get **212, 62, 183**, and if you desaturate by 10%, it is **212, 104, 191**.

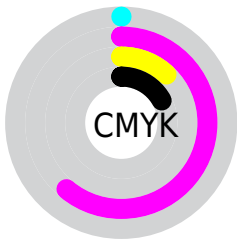
Distribution



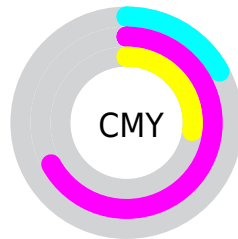
- Red (83%)
- Green (33%)
- Blue (73%)



- Red (83%)
- Yellow (33%)
- Blue (73%)



- Cyan (0%)
- Magenta (61%)
- Yellow (12%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 83, 187 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 212, 83, 187 by changing the saturation by 10% instead.



212, 83, 187



212, 83, 187

255, 255, 255



183, 53, 160



255, 139, 243



154, 15, 133



255, 168, 255



126, 0, 108



255, 196, 255



98, 0, 83



255, 226, 255



71, 0, 60



46, 0, 38



0, 0, 13



0, 0, 0



212, 83, 187



212, 83, 187

■ 212, 62, 183

■ 212, 104, 191

■ 212, 41, 179

■ 212, 125, 195

■ 212, 19, 175

■ 212, 147, 199

■ 212, 0, 171

■ 212, 168, 203

■ 212, 189, 208

■ 212, 210, 212

■ 212, 231, 216

■ 212, 253, 220

■ 212, 255, 224

Harmonies

Analogous

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



144, 113, 234



212, 83, 187



239, 66, 128

Triad

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



212, 83, 187



153, 134, 0



0, 160, 201

Complementary

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



212, 83, 187



83, 212, 108

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, 161, 141



212, 83, 187



90, 149, 9

Square

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



212, 83, 187



201, 111, 5



0, 157, 79



0, 154, 243

Rectangle

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



212, 83, 187



238, 74, 88



0, 157, 79



0, 161, 182

Sweetspot

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



212, 83, 187



255, 209, 246



107, 83, 212



128, 99, 122



0, 0, 0



128, 128, 128

Same Dimension

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



212, 83, 187



255, 69, 219



212, 83, 124



107, 96, 105



171, 0, 138



43, 0, 35

Inverse Universe

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



212, 83, 187



255, 69, 219



83, 212, 171



107, 96, 105



171, 0, 138



43, 0, 35

Previews

White Background



This preview shows how the RGB color 212, 83, 187 looks on a white background.

Color Contrast Check

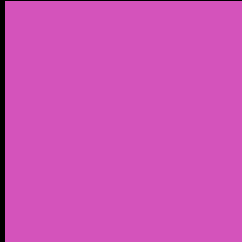
Large Text (above 18pt) WCAG AA ✓ Pass

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 212, 83, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

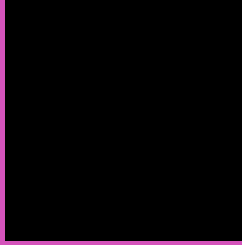
Any Text WCAG AA ✓ Pass

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 212, 83, 187 Background



This preview shows how black text looks on a background with the RGB color 212, 83, 187.

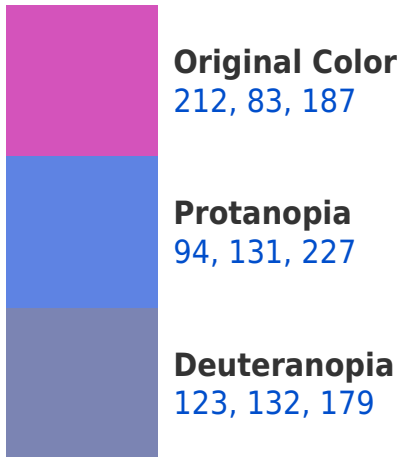



This preview shows how white text looks on a background with the RGB color 212, 83, 187.

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
204, 103, 110

Trichromacy



Original Color

212, 83, 187



Protanomaly

137, 114, 212



Deuteranomaly

155, 114, 182



Tritanomaly

207, 96, 138

Monochromacy



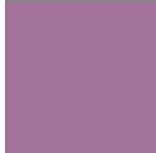
Original Color

212, 83, 187



Achromatopsia

133, 133, 133



Achromatomaly

162, 115, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 83, 187 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(212, 83, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 83, 187)  
}
```

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(212, 83, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 83, 187) }
```

Border

The CSS property to change the border of an element to RGB 212, 83, 187 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(212, 83, 187) }
```

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

```
.border{ border-color:rgb(212, 83, 187) }
```

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

Here you see how a box with a 4 pixel rgb(212, 83, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 83, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 83, 187);  
box-shadow:4px 4px 4px 4px rgb(212, 83,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 212, 83, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 83, 187) }
```

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

```
.background{ background-color: rgb(212, 83,  
187) }
```

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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