

Converting Colors

RGB(213, 83, 165)

Have a look what the booklet for
RGB(213, 83, 165) contains.

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Color

RGB(213, 83, 165)

Conversions

Conversions Part 1

Format	Color
Hex	D553A5
RGB	213, 83, 165
RGB Percent	84%, 33%, 65%
CMY	0.1647, 0.6745, 0.3529
CMYK	0.00, 0.61, 0.23, 0.16
HSL	322°, 61%, 58%
HSV	322°, 61%, 84%
XYZ	37.3254, 23.0493, 38.0790
YIQ	131.2180, 51.1580, 53.0620

Conversions

Conversions Part 2

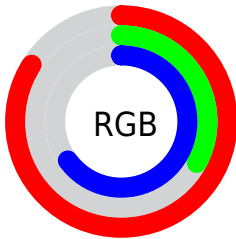
Format	Color
R _Y B	213, 83, 165
Decimal	13980581
CIE Lab	55.12, 59.58, -18.28
CIE LCh	55, 62.327, 342.942
Yxy	23.0493, 0.3791, 0.2341
Android (android.graphics.Color)	4292170661 (0xFFD553A5)
YUV	131.2180, 16.6545, 71.7228
Hunter-Lab	48.0096, 54.7589, -13.4193

Details

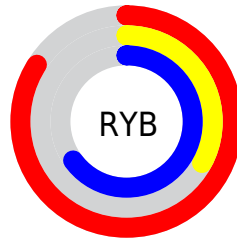
The RGB color **213, 83, 165** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **83, 213, 131**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 139, 220**, and **155, 17, 113** is the 20% darker color. If you saturate the color by 10%, you get **213, 62, 157**, and if you desaturate by 10%, it is **213, 104, 173**.

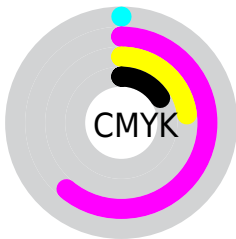
Distribution



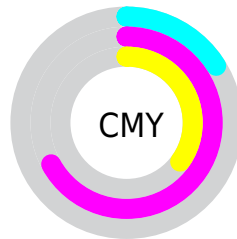
- Red (84%)
- Green (33%)
- Blue (65%)



- Red (84%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 83, 165 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 213, 83, 165 by changing the saturation by 10% instead.



213, 83, 165



213, 83, 165

255, 255, 255



184, 54, 139



255, 139, 220



155, 17, 113



255, 167, 249



127, 0, 88



255, 196, 255



99, 0, 65



255, 225, 255



72, 0, 43

255, 254, 255



46, 0, 22



0, 0, 0



213, 83, 165



213, 83, 165



213, 62, 157



213, 104, 173

■ 213, 40, 149

■ 213, 126, 181

■ 213, 19, 141

■ 213, 147, 189

■ 213, 0, 134

■ 213, 168, 196

■ 213, 190, 204

■ 213, 211, 212

■ 213, 232, 220

■ 213, 253, 228

■ 213, 255, 236

Harmonies

Analogous

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



164, 107, 212



213, 83, 165



229, 77, 111

Triad

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



213, 83, 165



136, 137, 0



0, 155, 205

Complementary

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



213, 83, 165



83, 213, 131

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, 157, 155



213, 83, 165



74, 149, 45

Square

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



213, 83, 165



183, 118, 12



0, 155, 98



0, 147, 235

Rectangle

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



213, 83, 165



223, 87, 76



0, 155, 98



0, 156, 189

Sweetspot

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



213, 83, 165



255, 209, 238



131, 83, 213



128, 99, 117



0, 0, 0



128, 128, 128

Same Dimension

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



213, 83, 165



255, 69, 186



213, 83, 100



107, 96, 103



171, 0, 108



43, 0, 27

Inverse Universe

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



213, 83, 165



255, 69, 186



83, 213, 196



107, 96, 103



171, 0, 108



43, 0, 27

Previews

White Background



This preview shows how the RGB color 213, 83, 165 looks on a white background.

Color Contrast Check

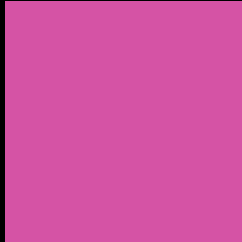
Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 83, 165 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 213, 83, 165 Background



This preview shows how black text looks on a background with the RGB color 213, 83, 165.



This preview shows how white text looks on a background with the RGB color 213, 83, 165.

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



Original Color
213, 83, 165

Protanopia
108, 130, 200

Deuteranopia
133, 129, 158



Tritanopia

207, 98, 104

Trichromacy



Original Color

213, 83, 165



Protanomaly

146, 113, 187



Deuteranomaly

162, 112, 161



Tritanomaly

209, 93, 126

Monochromacy



Original Color

213, 83, 165



Achromatopsia

131, 131, 131



Achromatomaly

161, 114, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 83, 165 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(213, 83, 165) looks like.

```
.text, #text, p{  
    color:rgb(213, 83, 165)  
}
```

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(213, 83, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 83, 165) }
```

Border

The CSS property to change the border of an element to RGB 213, 83, 165 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(213, 83, 165) }
```

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

```
.border{ border-color:rgb(213, 83, 165) }
```

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

Here you see how a box with a 4 pixel rgb(213, 83, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 83, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 83, 165);  
box-shadow:4px 4px 4px 4px rgb(213, 83,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 213, 83, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 83, 165) }
```

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

```
.background{ background-color: rgb(213, 83,  
165) }
```

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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