

# Converting Colors

RGB(211, 96, 133)

Have a look what the booklet for  
RGB(211, 96, 133) contains.

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# **Color**

**RGB(211, 96, 133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36085
RGB	211, 96, 133
RGB Percent	83%, 38%, 52%
CMY	0.1725, 0.6235, 0.4784
CMYK	0.00, 0.55, 0.37, 0.17
HSL	341°, 57%, 60%
HSV	341°, 55%, 83%
XYZ	35.2805, 23.9081, 24.9455
YIQ	134.6030, 56.6630, 35.8870

# Conversions

## Conversions Part 2

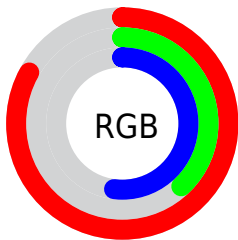
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	211, 96, 133
Decimal	13852805
CIE Lab	56.00, 49.01, 1.75
CIE LCh	56, 49.042, 2.046
Yxy	23.9081, 0.4193, 0.2842
Android (android.graphics.Color)	4292042885 (0xFFD36085)
YUV	134.6030, -0.7903, 67.0002
Hunter-Lab	48.8959, 43.2276, 3.9788

# Details

The RGB color **211, 96, 133** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **96, 211, 174**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 150, 186**, and **153, 41, 84** is the 20% darker color. If you saturate the color by 10%, you get **211, 75, 119**, and if you desaturate by 10%, it is **211, 117, 147**.

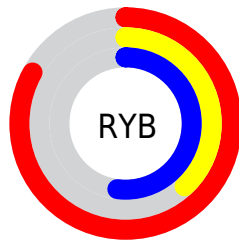
# Distribution



Red (83%)

Green (38%)

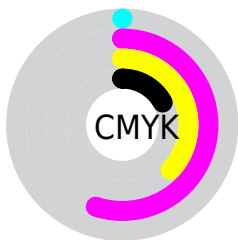
Blue (52%)



Red (83%)

Yellow (38%)

Blue (52%)

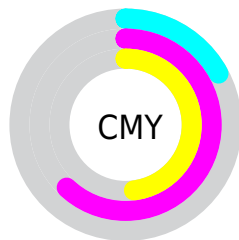


Cyan (0%)

Magenta (55%)

Yellow (37%)

Black (17%)



Cyan (17%)

Magenta (62%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 211, 96, 133 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 211, 96, 133 by changing the saturation by 10% instead.



 211, 96, 133

 211, 96, 133

255, 255, 255

 182, 69, 108

 255, 150, 186

 153, 41, 84

 255, 178, 214

 124, 4, 61

 255, 206, 242


 97, 0, 39


 255, 235, 255


 69, 0, 18


 44, 0, 1


 0, 0, 0


 211, 96, 133


 211, 96, 133


 211, 75, 119


 211, 117, 147


 211, 54, 104


 211, 138, 162

 211, 33, 90

 211, 159, 176

 211, 12, 76

 211, 180, 190

 211, 0, 68

 211, 202, 205

 211, 223, 219

 211, 244, 233

 211, 255, 247

 211, 255, 255

# Harmonies

## Analogous

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



189, 105, 175



211, 96, 133



210, 102, 91

# Triad

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



211, 96, 133



112, 145, 58



0, 149, 209

# Complementary

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



211, 96, 133



96, 211, 174

# 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, 154, 178



211, 96, 133



50, 152, 92

# Square

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



211, 96, 133



155, 133, 43



0, 155, 136



48, 138, 219

# Rectangle

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



211, 96, 133



198, 112, 68



0, 155, 136



0, 151, 201



# Sweetspot

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



211, 96, 133



255, 214, 227



173, 96, 211



128, 103, 111



0, 0, 0



128, 128, 128



# Same Dimension

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



211, 96, 133



255, 89, 143



211, 115, 96



105, 94, 97



168, 0, 54



41, 0, 13



# Inverse Universe

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



211, 96, 133



255, 89, 143



96, 192, 211



105, 94, 97



168, 0, 54



41, 0, 13



# Previews

## White Background



This preview shows how the RGB color 211, 96, 133 looks on a white background.

## Color Contrast Check

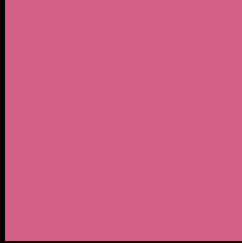
Large Text (above 18pt) WCAG AA ✓ Pass

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 211, 96, 133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

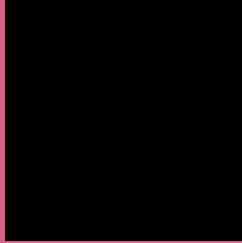
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 211, 96, 133 Background



This preview shows how black text looks on a background with the RGB color 211, 96, 133.




This preview shows how white text looks on a background with the RGB color 211, 96, 133.

# 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**  
209, 101, 108

# Trichromacy



**Original Color**  
211, 96, 133

**Protanomaly**  
160, 120, 148

**Deuteranomaly**  
172, 118, 130

**Tritanomaly**  
210, 99, 117

# Monochromacy



**Original Color**  
211, 96, 133

**Achromatopsia**  
135, 135, 135

**Achromatomaly**  
163, 121, 134

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 211, 96, 133 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(211, 96, 133)` looks like.

```
.text, #text, p{  
    color:rgb(211, 96, 133)  
}
```

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(211, 96, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 96, 133) }
```

## Border

The CSS property to change the border of an element to RGB 211, 96, 133 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(211, 96, 133) }
```

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

```
.border{ border-color:rgb(211, 96, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 96, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 96, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 96, 133);  
box-shadow:4px 4px 4px 4px rgb(211, 96,  
133) }
```

# Background

The CSS property to change the background color of an element to RGB 211, 96, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 96, 133) }
```

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

```
.background{ background-color: rgb(211, 96,  
133) }
```

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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