

Converting Colors

RGB(205, 63, 190)

Have a look what the booklet for
RGB(205, 63, 190) contains.

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Color

RGB(205, 63, 190)

Conversions

Conversions Part 1

Format	Color
Hex	CD3FBE
RGB	205, 63, 190
RGB Percent	80%, 25%, 75%
CMY	0.1961, 0.7529, 0.2549
CMYK	0.00, 0.69, 0.07, 0.20
HSL	306°, 59%, 53%
HSV	306°, 69%, 80%
XYZ	36.2486, 20.2519, 50.7137
YIQ	119.9360, 43.8650, 69.6010

Conversions

Conversions Part 2

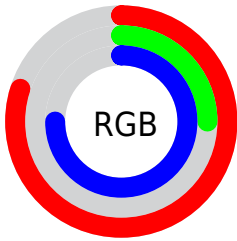
Format	Color
RYB	205, 63, 190
Decimal	13451198
CIELab	52.12, 68.97, -37.58
CIElCh	52, 78.545, 331.414
Yxy	20.2519, 0.3381, 0.1889
Android (android.graphics.Color)	4291641278 (0xFFCD3FBE)
YUV	119.9360, 34.5416, 74.6011
Hunter-Lab	45.0021, 65.0260, -35.3136

Details

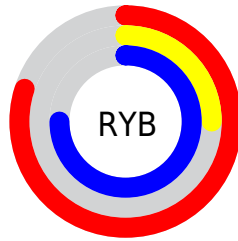
The RGB color **205, 63, 190** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **63, 205, 78**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 122, 247**, and **147, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **205, 43, 188**, and if you desaturate by 10%, it is **205, 84, 192**.

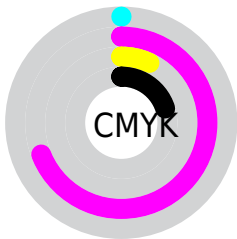
Distribution



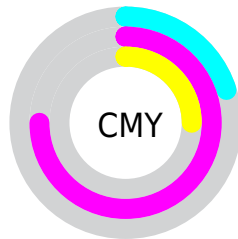
- Red (80%)
- Green (25%)
- Blue (75%)



- Red (80%)
- Yellow (25%)
- Blue (75%)



- Cyan (0%)
- Magenta (69%)
- Yellow (7%)
- Black (20%)




- Cyan (20%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 63, 190 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 205, 63, 190 by changing the saturation by 10% instead.

 205, 63, 190

 205, 63, 190

255, 255, 255

 176, 26, 163


 255, 122, 247

 147, 0, 136

 255, 151, 255

 119, 0, 110

 255, 180, 255

 91, 0, 85

 255, 209, 255

 65, 0, 62

 255, 238, 255

 37, 0, 39

 0, 1, 16

 0, 0, 0

 205, 63, 190

 205, 63, 190

■ 205, 43, 188

■ 205, 84, 192

■ 205, 22, 186

■ 205, 104, 194

■ 205, 2, 184

■ 205, 125, 196

■ 205, 0, 183

■ 205, 145, 199

■ 205, 166, 201

■ 205, 186, 203

■ 205, 207, 205

■ 205, 227, 207

■ 205, 248, 209

Harmonies

Analogous

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



119, 104, 241



205, 63, 190



238, 24, 124

Triad

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



205, 63, 190



148, 123, 0



0, 153, 193

Complementary

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



205, 63, 190



63, 205, 78

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, 152, 126



205, 63, 190



79, 140, 0

Square

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



205, 63, 190



200, 94, 0



0, 149, 54



0, 147, 243

Rectangle

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



205, 63, 190



238, 39, 80



0, 149, 54



0, 153, 172

Sweetspot

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



205, 63, 190



255, 201, 249



77, 63, 205



128, 96, 124



0, 0, 0



128, 128, 128

Same Dimension

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



205, 63, 190



255, 43, 233



205, 63, 120



102, 92, 101



166, 0, 148



38, 0, 34

Inverse Universe

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



205, 63, 190



255, 43, 233



63, 205, 148



102, 92, 101



166, 0, 148



38, 0, 34

Previews

White Background



This preview shows how the RGB color 205, 63, 190 looks on a white background.

Color Contrast Check

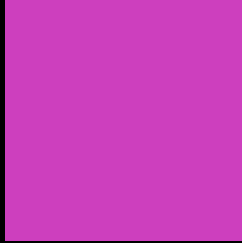
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 63, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

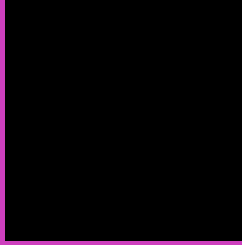
Any Text WCAG AA ✓ Pass

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 205, 63, 190 Background



This preview shows how black text looks on a background with the RGB color 205, 63, 190.



This preview shows how white text looks on a background with the RGB color 205, 63, 190.

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
205, 63, 190

Protanopia
54, 121, 242

Deuteranopia
102, 124, 181



Tritanopia
195, 92, 98

Trichromacy



Original Color

205, 63, 190



Protanomaly

109, 100, 223



Deuteranomaly

139, 102, 184



Tritanomaly

199, 81, 131

Monochromacy



Original Color

205, 63, 190



Achromatopsia

120, 120, 120



Achromatomaly

151, 99, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 63, 190 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(205, 63, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 63, 190)  
}
```

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(205, 63, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 63, 190) }
```

Border

The CSS property to change the border of an element to RGB 205, 63, 190 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(205, 63, 190) }
```

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

```
.border{ border-color:rgb(205, 63, 190) }
```

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

Here you see how a box with a 4 pixel rgb(205, 63, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 63, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 63, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 63,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 205, 63, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 63, 190) }
```

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

```
.background{ background-color: rgb(205, 63,  
190) }
```

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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