

Converting Colors

RGB(210, 50, 117)

Have a look what the booklet for
RGB(210, 50, 117) contains.

RGB(210, 50, 117)	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(210, 50, 117)

Conversions

Conversions Part 1

Format	Color
Hex	D23275
RGB	210, 50, 117
RGB Percent	82%, 20%, 46%
CMY	0.1765, 0.8039, 0.5412
CMYK	0.00, 0.76, 0.44, 0.18
HSL	335°, 64%, 51%
HSV	335°, 76%, 82%
XYZ	30.9298, 17.2672, 18.5323
YIQ	105.4780, 73.8530, 54.7570

Conversions

Conversions Part 2

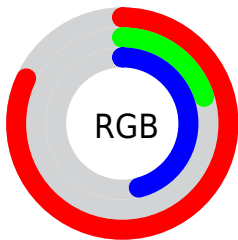
Format	Color
R_{YB}	210, 50, 117
Decimal	13775477
CIE _{Lab}	48.59, 65.49, 0.53
CIE _{LCh}	49, 65.490, 0.466
Yxy	17.2672, 0.4635, 0.2588
Android (android.graphics.Color)	4291965557 (0xFFD23275)
YUV	105.4780, 5.6803, 91.6658
Hunter-Lab	41.5538, 60.1441, 2.6453

Details

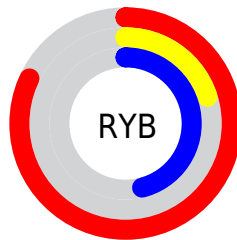
The RGB color **210, 50, 117** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **50, 210, 143**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 111, 169**, and **150, 0, 69** is the 20% darker color. If you saturate the color by 10%, you get **210, 29, 105**, and if you desaturate by 10%, it is **210, 71, 129**.

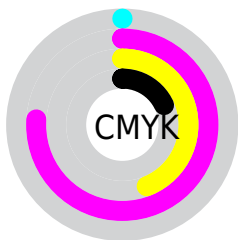
Distribution



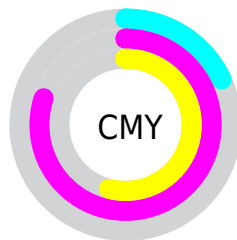
- Red (82%)
- Green (20%)
- Blue (46%)



- Red (82%)
- Yellow (20%)
- Blue (46%)



- Cyan (0%)
- Magenta (76%)
- Yellow (44%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 50, 117 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 210, 50, 117 by changing the saturation by 10% instead.



210, 50, 117



210, 50, 117

255, 255, 255



180, 0, 92



255, 111, 169



150, 0, 69



255, 140, 196



120, 0, 47



255, 168, 224



91, 0, 27



255, 198, 253



65, 0, 3



255, 227, 255



30, 0, 1



0, 0, 0



210, 50, 117



210, 50, 117



210, 29, 105



210, 71, 129

■ 210, 8, 93

■ 210, 92, 141

■ 210, 0, 88

■ 210, 113, 154

■ 210, 134, 166

■ 210, 155, 178

■ 210, 176, 190

■ 210, 197, 202

■ 210, 218, 215

■ 210, 239, 227

Harmonies

Analogous

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



181, 71, 171



210, 50, 117



208, 63, 63

Triad

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



210, 50, 117



83, 128, 0



0, 135, 212

Complementary

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



210, 50, 117



50, 210, 143

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, 140, 170



210, 50, 117



0, 136, 57

Square

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



210, 50, 117



139, 113, 0



0, 140, 115



0, 122, 227

Rectangle

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



210, 50, 117



192, 82, 27



0, 140, 115



0, 137, 200

Sweetspot

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



210, 50, 117



255, 196, 221



141, 50, 210



128, 92, 107



0, 0, 0



128, 128, 128

Same Dimension

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



210, 50, 117



255, 23, 120



210, 61, 50



105, 94, 98



168, 0, 70



41, 0, 17

Inverse Universe

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



210, 50, 117



255, 23, 120



50, 199, 210



105, 94, 98



168, 0, 70



41, 0, 17

Previews

White Background



This preview shows how the RGB color 210, 50, 117 looks on a white background.

Color Contrast Check

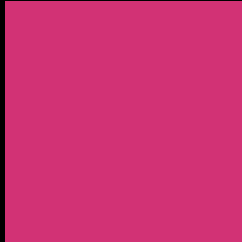
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 210, 50, 117 looks on a black 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

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

RGB 210, 50, 117 Background



This preview shows how black text looks on a background with the RGB color 210, 50, 117.

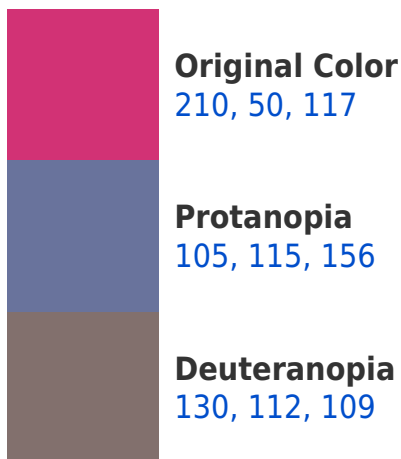


This preview shows how white text looks on a background with the RGB color 210, 50, 117.

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
207, 64, 67

Trichromacy



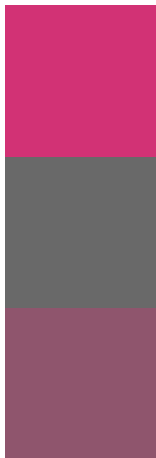
Original Color
210, 50, 117

Protanomaly
143, 91, 142

Deuteranomaly
159, 89, 112

Tritanomaly
208, 59, 85

Monochromacy



Original Color
210, 50, 117

Achromatopsia
105, 105, 105

Achromatomaly
143, 85, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 50, 117 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(210, 50, 117)` looks like.

```
.text, #text, p{  
    color:rgb(210, 50, 117)  
}
```

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(210, 50, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 50, 117) }
```

Border

The CSS property to change the border of an element to RGB 210, 50, 117 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(210, 50, 117) }
```

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

```
.border{ border-color:rgb(210, 50, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 50, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 50, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 50, 117);  
box-shadow:4px 4px 4px 4px rgb(210, 50,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 210, 50, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 50, 117) }
```

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

```
.background{ background-color: rgb(210, 50,  
117) }
```

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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