

Converting Colors

RGB(208, 80, 110)

Have a look what the booklet for
RGB(208, 80, 110) contains.

RGB(208, 80, 110)	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(208, 80, 110)

Conversions

Conversions Part 1

Format	Color
Hex	D0506E
RGB	208, 80, 110
RGB Percent	82%, 31%, 43%
CMY	0.1843, 0.6863, 0.5686
CMYK	0.00, 0.62, 0.47, 0.18
HSL	346°, 58%, 56%
HSV	346°, 62%, 82%
XYZ	31.6956, 20.2730, 16.9944
YIQ	121.6920, 66.6580, 36.4660

Conversions

Conversions Part 2

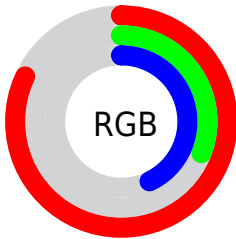
Format	Color
R_{YB}	208, 80, 110
Decimal	13652078
CIE _{Lab}	52.14, 53.00, 9.81
CIE _{LCh}	52, 53.902, 10.484
Yxy	20.2730, 0.4596, 0.2940
Android (android.graphics.Color)	4291842158 (0xFFD0506E)
YUV	121.6920, -5.7642, 75.6921
Hunter-Lab	45.0256, 46.8596, 9.1395

Details

The RGB color **208, 80, 110** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **80, 208, 178**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 135, 161**, and **149, 18, 63** is the 20% darker color. If you saturate the color by 10%, you get **208, 59, 94**, and if you desaturate by 10%, it is **208, 101, 126**.

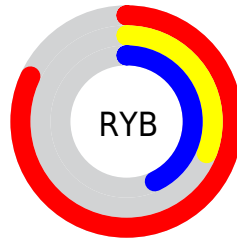
Distribution



Red (82%)

Green (31%)

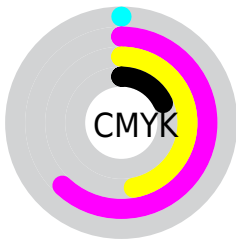
Blue (43%)



Red (82%)

Yellow (31%)

Blue (43%)

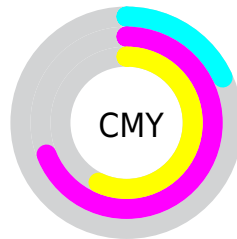


Cyan (0%)

Magenta (62%)

Yellow (47%)

Black (18%)



Cyan (18%)
















Magenta (69%)




Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 80, 110 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 208, 80, 110 by changing the saturation by 10% instead.


 208, 80, 110	 208, 80, 110
 255, 255, 255	 178, 52, 86
 255, 135, 161	 149, 18, 63
 255, 163, 188	 120, 0, 41
 255, 191, 216	 91, 0, 21
 255, 220, 244	 64, 0, 2
 255, 249, 255	 33, 0, 1
	 0, 0, 0

 208, 80, 110	 208, 80, 110
 208, 59, 94	 208, 101, 126

 208, 38, 78

 208, 122, 142

 208, 18, 62

 208, 142, 158

 208, 0, 49

 208, 163, 174

 208, 184, 190

 208, 205, 206

 208, 226, 221

 208, 246, 237

 208, 255, 253

Harmonies

Analogous

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



192, 86, 156



208, 80, 110



200, 92, 66

Triad

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



208, 80, 110



82, 138, 49



0, 138, 211

Complementary

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



208, 80, 110



80, 208, 178

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, 145, 183



208, 80, 110



0, 144, 92

Square

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



208, 80, 110



133, 127, 20



0, 146, 140



57, 124, 216

Rectangle

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



208, 80, 110



183, 105, 42



0, 146, 140



0, 141, 204

Sweetspot

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



208, 80, 110



255, 209, 220



176, 80, 208



128, 99, 106



0, 0, 0



128, 128, 128

Same Dimension

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



208, 80, 110



255, 66, 111



208, 112, 80



105, 94, 97



168, 0, 39



41, 0, 10

Inverse Universe

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



208, 80, 110



255, 66, 111



80, 176, 208



105, 94, 97



168, 0, 39



41, 0, 10

Previews

White Background



This preview shows how the RGB color 208, 80, 110 looks on a white background.

Color Contrast Check

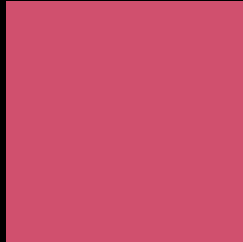
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 80, 110 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 208, 80, 110 Background



This preview shows how black text looks on a background with the RGB color 208, 80, 110.



This preview shows how white text looks on a background with the RGB color 208, 80, 110.

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
208, 80, 110

Protanopia
125, 124, 134

Deuteranopia
144, 120, 104



Tritanopia
207, 84, 89

Trichromacy



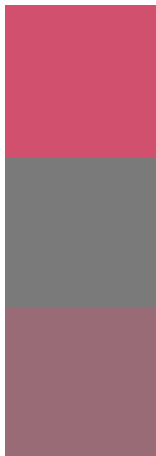
Original Color
208, 80, 110

Protanomaly
155, 108, 125

Deuteranomaly
167, 105, 106

Tritanomaly
207, 83, 97

Monochromacy



Original Color
208, 80, 110

Achromatopsia
122, 122, 122

Achromatomaly
153, 107, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 80, 110 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(208, 80, 110)` looks like.

```
.text, #text, p{  
    color:rgb(208, 80, 110)  
}
```

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(208, 80, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 80, 110) }
```

Border

The CSS property to change the border of an element to RGB 208, 80, 110 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(208, 80, 110) }
```

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

```
.border{ border-color:rgb(208, 80, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 80, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 80, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 80, 110);  
box-shadow:4px 4px 4px 4px rgb(208, 80,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 208, 80, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 80, 110) }
```

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

```
.background{ background-color: rgb(208, 80,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor