

Converting Colors

RGB(212, 88, 107)

Have a look what the booklet for
RGB(212, 88, 107) contains.

RGB(212, 88, 107)	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(212, 88, 107)

Conversions

Conversions Part 1

Format	Color
Hex	D4586B
RGB	212, 88, 107
RGB Percent	83%, 35%, 42%
CMY	0.1686, 0.6549, 0.5804
CMYK	0.00, 0.58, 0.50, 0.17
HSL	351°, 59%, 59%
HSV	351°, 58%, 83%
XYZ	33.2949, 22.0380, 16.4088
YIQ	127.2420, 67.8050, 32.1970

Conversions

Conversions Part 2

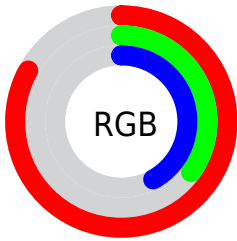
Format	Color
RYB	212, 88, 107
Decimal	13916267
CIELab	54.07, 50.45, 14.37
CIElCh	54, 52.459, 15.903
Yxy	22.0380, 0.4641, 0.3072
Android (android.graphics.Color)	4292106347 (0xFFD4586B)
YUV	127.2420, -9.9793, 74.3328
Hunter-Lab	46.9447, 44.4458, 12.1373

Details

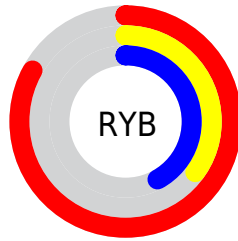
The RGB color **212, 88, 107** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **88, 212, 193**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 142, 158**, and **152, 31, 60** is the 20% darker color. If you saturate the color by 10%, you get **212, 67, 89**, and if you desaturate by 10%, it is **212, 109, 125**.

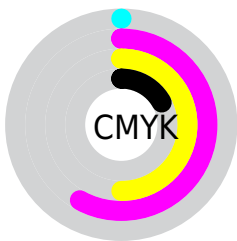
Distribution



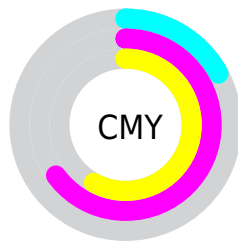
- Red (83%)
- Green (35%)
- Blue (42%)



- Red (83%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (17%)



- Cyan (17%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 88, 107 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 212, 88, 107 by changing the saturation by 10% instead.



212, 88, 107



212, 88, 107

255, 255, 255



182, 61, 83



255, 142, 158



152, 31, 60



255, 170, 185



123, 0, 39



255, 198, 213



95, 0, 18



255, 227, 241



67, 0, 1



38, 0, 1



0, 0, 0



212, 88, 107



212, 88, 107



212, 67, 89



212, 109, 125

 212, 46, 71

 212, 130, 143

 212, 24, 53

 212, 152, 161

 212, 3, 35

 212, 173, 179

 212, 0, 32

 212, 194, 197

 212, 215, 215

 212, 236, 233

 212, 255, 251

 212, 255, 255

Harmonies

Analogous

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



201, 90, 153



212, 88, 107



200, 101, 66

Triad

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



212, 88, 107



78, 144, 63



0, 140, 217

Complementary

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



212, 88, 107



88, 212, 193

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, 148, 193



212, 88, 107



0, 150, 106

Square

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



212, 88, 107



130, 134, 33



0, 151, 153



89, 126, 217

Rectangle

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



212, 88, 107



182, 113, 44



0, 151, 153



0, 144, 212

Sweetspot

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



212, 88, 107



255, 209, 216



191, 88, 212



128, 99, 104



0, 0, 0



128, 128, 128

Same Dimension

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



212, 88, 107



255, 77, 104



212, 129, 88



107, 96, 98



171, 0, 26



43, 0, 7

Inverse Universe

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



212, 88, 107



255, 77, 104



88, 171, 212



107, 96, 98



171, 0, 26



43, 0, 7

Previews

White Background



This preview shows how the RGB color 212, 88, 107 looks on a white background.

Color Contrast Check

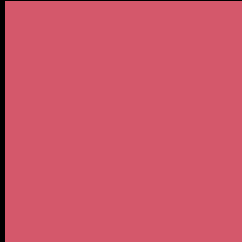
Large Text (above 18pt) WCAG AA ✓ Pass

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 212, 88, 107 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 212, 88, 107 Background



This preview shows how black text looks on a background with the RGB color 212, 88, 107.

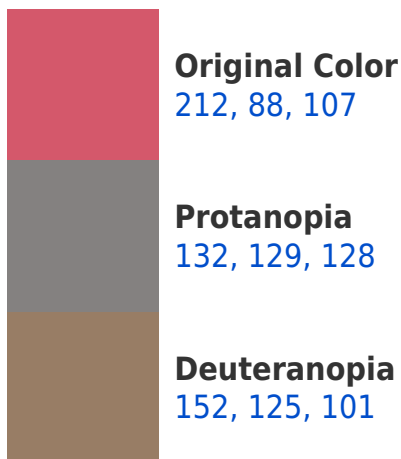


This preview shows how white text looks on a background with the RGB color 212, 88, 107.

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
211, 90, 96

Trichromacy



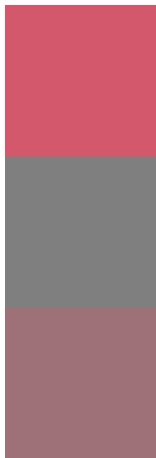
Original Color
212, 88, 107

Protanomaly
161, 114, 120

Deuteranomaly
174, 112, 103

Tritanomaly
211, 89, 100

Monochromacy



Original Color
212, 88, 107

Achromatopsia
127, 127, 127

Achromatomaly
158, 113, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 88, 107 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(212, 88, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 88, 107)  
}
```

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(212, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 88, 107) }
```

Border

The CSS property to change the border of an element to RGB 212, 88, 107 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(212, 88, 107) }
```

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

```
.border{ border-color:rgb(212, 88, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 88, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 88, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 88, 107); box-shadow:4px 4px 4px 4px rgb(212, 88, 107) }
```

Background

The CSS property to change the background color of an element to RGB 212, 88, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 88, 107) }
```

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

```
.background{ background-color: rgb(212, 88,  
107) }
```

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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