

Converting Colors

RGB(208, 47, 128)

Have a look what the booklet for
RGB(208, 47, 128) contains.

RGB(208, 47, 128)	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, 47, 128)

Conversions

Conversions Part 1

Format	Color
Hex	D02F80
RGB	208, 47, 128
RGB Percent	82%, 18%, 50%
CMY	0.1843, 0.8157, 0.4980
CMYK	0.00, 0.77, 0.38, 0.18
HSL	330°, 63%, 50%
HSV	330°, 77%, 82%
XYZ	30.9252, 17.0014, 22.0737
YIQ	104.3730, 69.9550, 59.3230

Conversions

Conversions Part 2

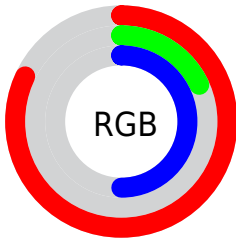
Format	Color
R _Y B	208, 47, 128
Decimal	13643648
CIE Lab	48.26, 66.91, -6.69
CIE LCh	48, 67.240, 354.287
Yxy	17.0014, 0.4418, 0.2429
Android (android.graphics.Color)	4291833728 (0xFFD02F80)
YUV	104.3730, 11.6481, 90.8809
Hunter-Lab	41.2328, 61.7203, -2.8776

Details

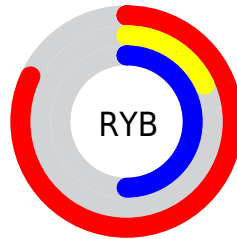
The RGB color **208, 47, 128** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **47, 208, 127**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **255, 109, 181**, and **148, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **208, 26, 118**, and if you desaturate by 10%, it is **208, 68, 138**.

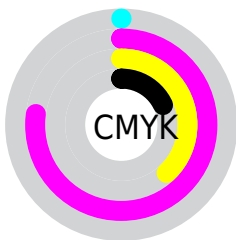
Distribution



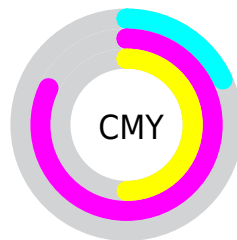
- Red (82%)
- Green (18%)
- Blue (50%)



- Red (82%)
- Yellow (18%)
- Blue (50%)



- Cyan (0%)
- Magenta (77%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 47, 128 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, 47, 128 by changing the saturation by 10% instead.

 208, 47, 128

 208, 47, 128

255, 255, 255

 178, 0, 103

 255, 109, 181

 148, 0, 79

 255, 138, 208

 119, 0, 56

 255, 167, 236

 90, 0, 35

 255, 196, 255

 64, 0, 12

 255, 225, 255

 30, 0, 1

 0, 0, 0

 208, 47, 128

 208, 47, 128

 208, 26, 118

 208, 68, 138

■ 208, 5, 107

■ 208, 89, 149

■ 208, 0, 105

■ 208, 109, 159

■ 208, 130, 169

■ 208, 151, 180

■ 208, 172, 190

■ 208, 193, 200

■ 208, 213, 211

■ 208, 234, 221

Harmonies

Analogous

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



171, 74, 182



208, 47, 128



211, 54, 72

Triad

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



208, 47, 128



94, 125, 0



0, 136, 207

Complementary

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



208, 47, 128



47, 208, 127

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, 139, 160



208, 47, 128



0, 134, 42

Square

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



208, 47, 128



148, 108, 0



0, 139, 102



0, 125, 229

Rectangle

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



208, 47, 128



198, 73, 36



0, 139, 102



0, 138, 193

Sweetspot

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



208, 47, 128



255, 196, 226



125, 47, 208



128, 92, 110



0, 0, 0



128, 128, 128

Same Dimension

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



208, 47, 128



255, 18, 137



208, 47, 50



105, 94, 99



168, 0, 85



41, 0, 21

Inverse Universe

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



208, 47, 128



255, 18, 137



47, 208, 205



105, 94, 99



168, 0, 85



41, 0, 21

Previews

White Background



This preview shows how the RGB color 208, 47, 128 looks on a white background.

Color Contrast Check

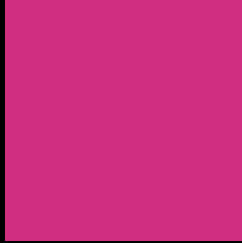
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 47, 128 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 208, 47, 128 Background



This preview shows how black text looks on a background with the RGB color 208, 47, 128.

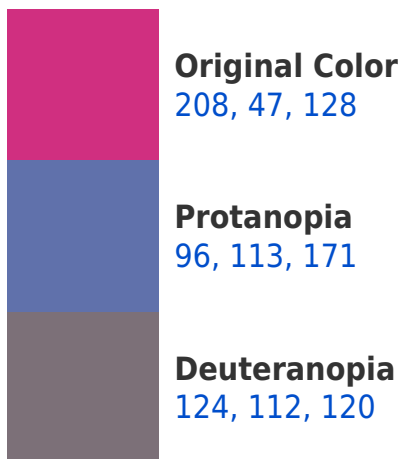


This preview shows how white text looks on a background with the RGB color 208, 47, 128.

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
204, 65, 68

Trichromacy



Original Color

208, 47, 128



Protanomaly

137, 89, 155



Deuteranomaly

155, 88, 123



Tritanomaly

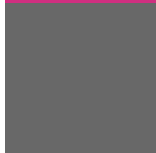
205, 58, 90

Monochromacy



Original Color

208, 47, 128



Achromatopsia

104, 104, 104



Achromatomaly

142, 83, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 47, 128 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, 47, 128) looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 128)  
}
```

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, 47, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 128) }
```

Border

The CSS property to change the border of an element to RGB 208, 47, 128 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, 47, 128) }
```

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

```
.border{ border-color:rgb(208, 47, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 47, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 208, 47, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 128) }
```

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

```
.background{ background-color: rgb(208, 47,  
128) }
```

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