

Converting Colors

RGB(242, 68, 208)

Have a look what the booklet for
RGB(242, 68, 208) contains.

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Color

RGB(242, 68, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F244D0
RGB	242, 68, 208
RGB Percent	95%, 27%, 82%
CMY	0.0510, 0.7333, 0.1843
CMYK	0.00, 0.72, 0.14, 0.05
HSL	312°, 87%, 61%
HSV	312°, 72%, 95%
XYZ	50.0702, 27.5656, 62.3562
YIQ	135.9860, 58.7640, 80.4280

Conversions

Conversions Part 2

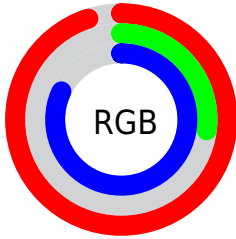
Format	Color
R _Y B	242, 68, 208
Decimal	15877328
CIE Lab	59.49, 78.41, -35.92
CIE LCh	59, 86.248, 335.384
Yxy	27.5656, 0.3577, 0.1969
Android (android.graphics.Color)	4294067408 (0xFFFF244D0)
YUV	135.9860, 35.5029, 92.9743
Hunter-Lab	52.5029, 78.3493, -33.6650

Details

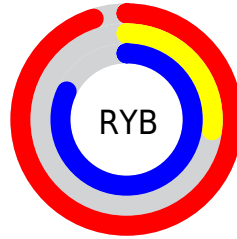
The RGB color **242, 68, 208** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **68, 242, 102**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 131, 255**, and **182, 0, 153** is the 20% darker color. If you saturate the color by 10%, you get **242, 44, 203**, and if you desaturate by 10%, it is **242, 92, 213**.

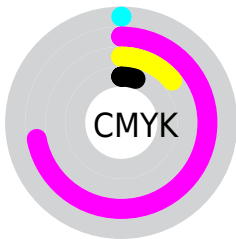
Distribution



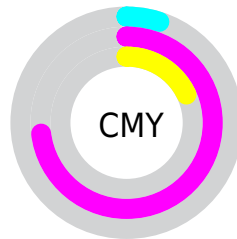
- Red (95%)
- Green (27%)
- Blue (82%)



- Red (95%)
- Yellow (27%)
- Blue (82%)



- Cyan (0%)
- Magenta (72%)
- Yellow (14%)
- Black (5%)




















- Cyan (5%)
- Magenta (73%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 68, 208 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 242, 68, 208 by changing the saturation by 10% instead.

 242, 68, 208	 242, 68, 208
 255, 255, 255	 212, 26, 180
 255, 131, 255	 182, 0, 153
 255, 160, 255	 152, 0, 127
 255, 190, 255	 123, 0, 101
 255, 220, 255	 95, 0, 77
 255, 250, 255	 69, 0, 54
	 39, 0, 31
	 0, 0, 1
	 0, 0, 0

■ 242, 68, 208

■ 242, 68, 208

■ 242, 44, 203

■ 242, 92, 213

■ 242, 20, 199

■ 242, 116, 217

■ 242, 0, 195

■ 242, 141, 222

■ 242, 165, 227

■ 242, 189, 232

■ 242, 213, 236

■ 242, 237, 241

■ 242, 255, 246

■ 242, 255, 251

Harmonies

Analogous

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



156, 115, 255



242, 68, 208



255, 33, 133

Triad

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



242, 68, 208



161, 145, 0



0, 175, 230

Complementary

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



242, 68, 208



68, 242, 102

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, 175, 155



242, 68, 208



78, 163, 0

Square

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



242, 68, 208



222, 115, 0



0, 172, 75



0, 168, 255

Rectangle

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



242, 68, 208



255, 55, 84



0, 172, 75



0, 176, 207

Sweetspot

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



242, 68, 208



255, 199, 244



100, 68, 242



128, 94, 121



0, 0, 0



128, 128, 128

Same Dimension

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



242, 68, 208



255, 36, 212



242, 68, 123



120, 108, 118



184, 0, 148



56, 0, 45

Inverse Universe

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



242, 68, 208



255, 36, 212



68, 242, 187



120, 108, 118



184, 0, 148



56, 0, 45

Previews

White Background



This preview shows how the RGB color 242, 68, 208 looks on a white background.

Color Contrast Check

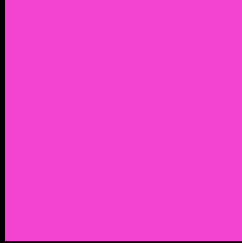
Large Text (above 18pt) WCAG AA ✓ Pass

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 242, 68, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

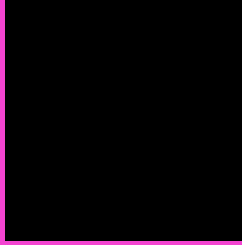
Any Text WCAG AA ✓ Pass

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 242, 68, 208 Background



This preview shows how black text looks on a background with the RGB color 242, 68, 208.

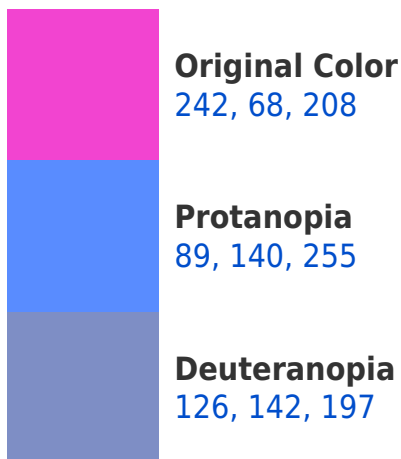


This preview shows how white text looks on a background with the RGB color 242, 68, 208.

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
232, 100, 107

Trichromacy



Original Color

242, 68, 208



Protanomaly

145, 114, 238



Deuteranomaly

168, 115, 201



Tritanomaly

236, 88, 144

Monochromacy



Original Color

242, 68, 208



Achromatopsia

136, 136, 136



Achromatomaly

175, 111, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 68, 208 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(242, 68, 208) looks like.

```
.text, #text, p{  
    color:rgb(242, 68, 208)  
}
```

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(242, 68, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 68, 208) }
```

Border

The CSS property to change the border of an element to RGB 242, 68, 208 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(242, 68, 208) }
```

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

```
.border{ border-color:rgb(242, 68, 208) }
```

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

Here you see how a box with a 4 pixel rgb(242, 68, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 68, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 68, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 68,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 242, 68, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 68, 208) }
```

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

```
.background{ background-color: rgb(242, 68,  
208) }
```

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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