

Converting Colors

`RYB(244, 88, 212)`

Have a look what the booklet for
RYB(244, 88, 212) contains.

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Color

R_YB(244, 88, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F458D4
RGB	244, 88, 212
RGB Percent	96%, 35%, 83%
CMY	0.0431, 0.6549, 0.1686
CMYK	0.00, 0.64, 0.13, 0.04
HSL	312°, 88%, 65%
HSV	312°, 64%, 96%
XYZ	52.6816, 30.9660, 65.4878
YIQ	148.7800, 53.1720, 71.6360

Conversions

Conversions Part 2

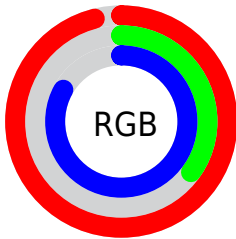
Format	Color
R_{YB}	244, 88, 212
Decimal	16013524
CIE _{Lab}	62.48, 72.45, -33.51
CIE _{LCh}	62, 79.823, 335.175
Yxy	30.9660, 0.3532, 0.2076
Android (android.graphics.Color)	4294203604 (0xFFFF458D4)
YUV	148.7800, 31.1675, 83.5079
Hunter-Lab	55.6471, 71.6051, -30.8219

Details

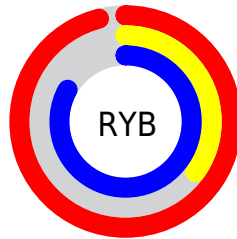
The RYB color **244, 88, 212** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **88, 217, 244**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 147, 255**, and **184, 7, 157** is the 20% darker color. If you saturate the color by 10%, you get **244, 64, 207**, and if you desaturate by 10%, it is **244, 112, 217**.

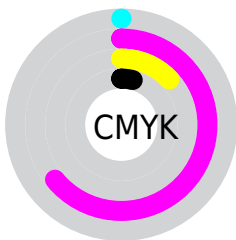
Distribution



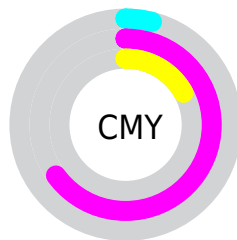
- Red (96%)
- Green (35%)
- Blue (83%)



- Red (96%)
- Yellow (35%)
- Blue (83%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (4%)


















- Cyan (4%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 88, 212 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 RYB color 244, 88, 212 by changing the saturation by 10% instead.

 244, 88, 212	 244, 88, 212
255, 255, 255	 214, 56, 184
 255, 147, 255	 184, 7, 157
 255, 176, 255	 155, 0, 131
 255, 205, 255	 126, 0, 105
 255, 235, 255	 98, 0, 81
	 71, 0, 57
	 43, 0, 35
	 0, 0, 8
	 0, 0, 0

■ 244, 88, 212

■ 244, 88, 212

■ 244, 64, 207

■ 244, 112, 217

■ 244, 39, 202

■ 244, 137, 222

■ 244, 15, 197

■ 244, 161, 227

■ 244, 0, 194

■ 244, 186, 232

■ 244, 210, 237

■ 244, 234, 242

■ 244, 253, 255

■ 244, 250, 255

■ 244, 250, 255

Harmonies

Analogous

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



165, 126, 255



244, 88, 212



255, 67, 142

Triad

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



244, 88, 212



21, 171, 0



0, 101, 231

Complementary

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



244, 88, 212



88, 217, 244

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, 96, 182



244, 88, 212



0, 169, 73

Square

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



244, 88, 212



188, 228, 0



0, 120, 179



0, 103, 255

Rectangle

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



244, 88, 212



255, 78, 96



0, 120, 179



0, 98, 210

Sweetspot

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



244, 88, 212



255, 207, 245



119, 88, 244



128, 98, 121



0, 0, 0



128, 128, 128

Same Dimension

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



244, 88, 212



255, 59, 215



244, 88, 135



122, 110, 120



186, 0, 148



59, 0, 47

Inverse Universe

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



244, 88, 212



255, 59, 215



88, 180, 244



122, 110, 120



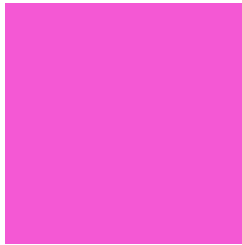
186, 0, 148



59, 0, 47

Previews

White Background



This preview shows how the RYB color 244, 88, 212 looks on a white background.

Color Contrast Check

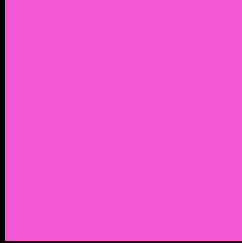
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 244, 88, 212 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 ✓ Pass

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

RYB 244, 88, 212 Background



This preview shows how black text looks on a background with the RYB color 244, 88, 212.

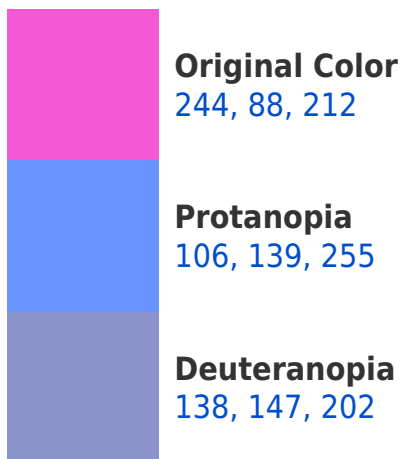



This preview shows how white text looks on a background with the RYB color 244, 88, 212.

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
235, 113, 121

Trichromacy



Original Color

244, 88, 212



Protanomaly

156, 126, 239



Deuteranomaly

177, 127, 206



Tritanomaly

238, 104, 154

Monochromacy



Original Color

244, 88, 212



Achromatopsia

149, 149, 149



Achromatomaly

184, 127, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 88, 212 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(244, 88, 212) looks like.

```
.text, #text, p{  
    color:rgb(244, 88, 212)  
}
```

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(244, 88, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 88, 212) }
```

Border

The CSS property to change the border of an element to RYB 244, 88, 212 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(244, 88, 212) }
```

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

```
.border{ border-color:rgb(244, 88, 212) }
```

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

Here you see how a box with a 4 pixel rgb(244, 88, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 88, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 88, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 88,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 244, 88, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 88, 212) }
```

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

```
.background{ background-color: rgb(244, 88,  
212) }
```

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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