

Converting Colors

RGB(240, 75, 191)

Have a look what the booklet for
RGB(240, 75, 191) contains.

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Color

RGB(240, 75, 191)

Conversions

Conversions Part 1

Format	Color
Hex	F04BBF
RGB	240, 75, 191
RGB Percent	94%, 29%, 75%
CMY	0.0588, 0.7059, 0.2510
CMYK	0.00, 0.69, 0.20, 0.06
HSL	318°, 85%, 62%
HSV	318°, 69%, 94%
XYZ	47.8552, 27.3190, 52.0411
YIQ	137.5590, 61.1040, 71.0560

Conversions

Conversions Part 2

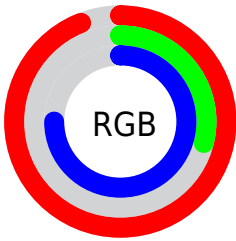
Format	Color
R _Y B	240, 75, 191
Decimal	15748031
CIE Lab	59.27, 73.34, -26.60
CIE LCh	59, 78.013, 340.065
Yxy	27.3190, 0.3762, 0.2147
Android (android.graphics.Color)	4293938111 (0xFFFF04BBF)
YUV	137.5590, 26.3464, 89.8408
Hunter-Lab	52.2676, 71.9630, -22.4457

Details

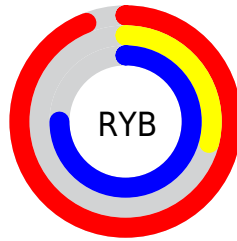
The RGB color **240, 75, 191** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **75, 240, 124**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 135, 248**, and **180, 0, 137** is the 20% darker color. If you saturate the color by 10%, you get **240, 51, 184**, and if you desaturate by 10%, it is **240, 99, 198**.

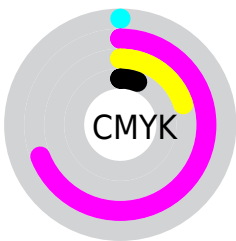
Distribution



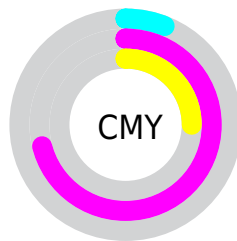
- Red (94%)
- Green (29%)
- Blue (75%)



- Red (94%)
- Yellow (29%)
- Blue (75%)



- Cyan (0%)
- Magenta (69%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 75, 191 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 240, 75, 191 by changing the saturation by 10% instead.



240, 75, 191



240, 75, 191

255, 255, 255



210, 39, 164



255, 135, 248



180, 0, 137



255, 165, 255



151, 0, 112



255, 194, 255



122, 0, 87



255, 224, 255



93, 0, 63

255, 254, 255



67, 0, 41



37, 0, 19



0, 0, 0



240, 75, 191



240, 75, 191

■ 240, 51, 184

■ 240, 99, 198

■ 240, 27, 177

■ 240, 123, 205

■ 240, 3, 170

■ 240, 147, 212

■ 240, 0, 169

■ 240, 171, 220

■ 240, 195, 227

■ 240, 219, 234

■ 240, 243, 241

■ 240, 255, 248

■ 240, 255, 255

Harmonies

Analogous

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



172, 112, 249



240, 75, 191



255, 60, 123

Triad

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



240, 75, 191



151, 147, 0



0, 171, 230

Complementary

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



240, 75, 191



75, 240, 124

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, 173, 165



240, 75, 191



72, 162, 8

Square

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



240, 75, 191



208, 122, 0



0, 170, 93



0, 163, 255

Rectangle

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



240, 75, 191



255, 76, 78



0, 170, 93



0, 172, 210

Sweetspot

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



240, 75, 191



255, 201, 239



122, 75, 240



128, 96, 118



0, 0, 0



128, 128, 128

Same Dimension

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



240, 75, 191



255, 43, 192



240, 75, 111



120, 108, 116



184, 0, 129



56, 0, 39

Inverse Universe

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



240, 75, 191



255, 43, 192



75, 240, 204



120, 108, 116



184, 0, 129



56, 0, 39

Previews

White Background



This preview shows how the RGB color 240, 75, 191 looks on a white background.

Color Contrast Check

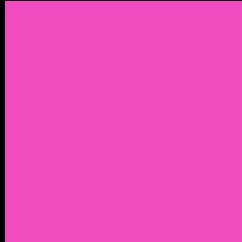
Large Text (above 18pt) WCAG AA ✓ Pass

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 240, 75, 191 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 240, 75, 191 Background



This preview shows how black text looks on a background with the RGB color 240, 75, 191.

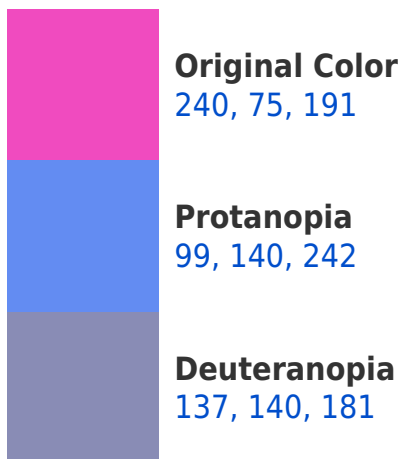


This preview shows how white text looks on a background with the RGB color 240, 75, 191.

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, 99, 106

Trichromacy



Original Color

240, 75, 191



Protanomaly

150, 116, 223



Deuteranomaly

174, 116, 185



Tritanomaly

235, 90, 137

Monochromacy



Original Color

240, 75, 191



Achromatopsia

138, 138, 138



Achromatomaly

175, 115, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 75, 191 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(240, 75, 191) looks like.

```
.text, #text, p{  
    color:rgb(240, 75, 191)  
}
```

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(240, 75, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 75, 191) }
```

Border

The CSS property to change the border of an element to RGB 240, 75, 191 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(240, 75, 191) }
```

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

```
.border{ border-color:rgb(240, 75, 191) }
```

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

Here you see how a box with a 4 pixel rgb(240, 75, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 75, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 75, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 75,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 240, 75, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 75, 191) }
```

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

```
.background{ background-color: rgb(240, 75,  
191) }
```

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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