

Converting Colors

RGB(240, 70, 189)

Have a look what the booklet for
RGB(240, 70, 189) contains.

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Color

RGB(240, 70, 189)

Conversions

Conversions Part 1

Format	Color
Hex	F046BD
RGB	240, 70, 189
RGB Percent	94%, 27%, 74%
CMY	0.0588, 0.7255, 0.2588
CMYK	0.00, 0.71, 0.21, 0.06
HSL	318°, 85%, 61%
HSV	318°, 71%, 94%
XYZ	47.3106, 26.5797, 50.7810
YIQ	134.3960, 63.1210, 73.0490

Conversions

Conversions Part 2

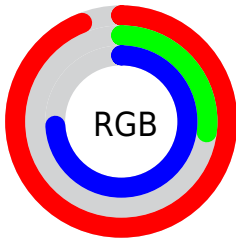
Format	Color
R _{YB}	240, 70, 189
Decimal	15746749
CIE _{Lab}	58.58, 74.78, -26.51
CIE _{LCh}	59, 79.337, 340.481
Yxy	26.5797, 0.3795, 0.2132
Android (android.graphics.Color)	4293936829 (0xFFFF046BD)
YUV	134.3960, 26.9198, 92.6147
Hunter-Lab	51.5555, 73.5809, -22.3104

Details

The RGB color **240, 70, 189** 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 **70, 240, 121**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 131, 245**, and **180, 0, 135** is the 20% darker color. If you saturate the color by 10%, you get **240, 46, 182**, and if you desaturate by 10%, it is **240, 94, 196**.

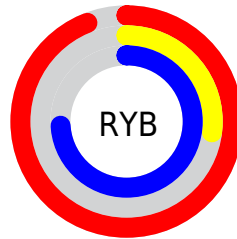
Distribution



Red (94%)

Green (27%)

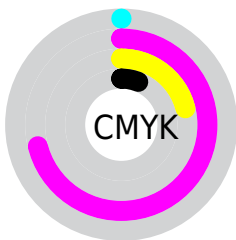
Blue (74%)



Red (94%)

Yellow (27%)

Blue (74%)

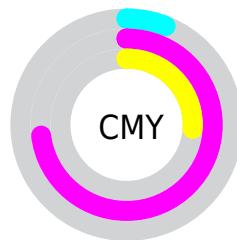


Cyan (0%)

Magenta (71%)

Yellow (21%)

Black (6%)



Cyan (6%)

Magenta (73%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 70, 189 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, 70, 189 by changing the saturation by 10% instead.



240, 70, 189



240, 70, 189

255, 255, 255



210, 31, 162



255, 131, 245



180, 0, 135



255, 161, 255



150, 0, 110



255, 190, 255



121, 0, 85



255, 220, 255



93, 0, 62



255, 250, 255



66, 0, 40



36, 0, 16



0, 0, 0



240, 70, 189



240, 70, 189

■ 240, 46, 182

■ 240, 94, 196

■ 240, 22, 175

■ 240, 118, 203

■ 240, 0, 168

■ 240, 142, 211

■ 240, 166, 218

■ 240, 190, 225

■ 240, 214, 232

■ 240, 238, 239

■ 240, 255, 247

■ 240, 255, 254

Harmonies

Analogous

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



172, 109, 248



240, 70, 189



255, 54, 120

Triad

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



240, 70, 189



148, 146, 0



0, 170, 230

Complementary

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



240, 70, 189



70, 240, 121

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, 171, 164



240, 70, 189



66, 161, 0

Square

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



240, 70, 189



206, 120, 0



0, 168, 91



0, 161, 255

Rectangle

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



240, 70, 189



255, 73, 75



0, 168, 91



0, 171, 210

Sweetspot

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



240, 70, 189



255, 201, 239



121, 70, 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, 70, 189



255, 38, 190



240, 70, 104



120, 108, 116



184, 0, 129



56, 0, 39

Inverse Universe

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



240, 70, 189



255, 38, 190



70, 240, 206



120, 108, 116



184, 0, 129



56, 0, 39

Previews

White Background



This preview shows how the RGB color 240, 70, 189 looks on a white background.

Color Contrast Check

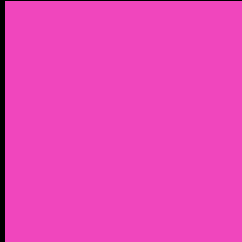
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70, 189 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, 70, 189 Background



This preview shows how black text looks on a background with the RGB color 240, 70, 189.



This preview shows how white text looks on a background with the RGB color 240, 70, 189.

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



Original Color
240, 70, 189

Protanopia
96, 138, 243

Deuteranopia
135, 139, 179



Tritanopia
232, 96, 102

Trichromacy



Original Color

240, 70, 189



Protanomaly

148, 113, 223



Deuteranomaly

173, 114, 183



Tritanomaly

235, 87, 134

Monochromacy



Original Color

240, 70, 189



Achromatopsia

134, 134, 134



Achromatomaly

173, 111, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 70, 189 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, 70, 189) looks like.

```
.text, #text, p{  
    color:rgb(240, 70, 189)  
}
```

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, 70, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 70, 189) }
```

Border

The CSS property to change the border of an element to RGB 240, 70, 189 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, 70, 189) }
```

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

```
.border{ border-color:rgb(240, 70, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 70, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 70, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 70, 189);  
box-shadow:4px 4px 4px 4px rgb(240, 70,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 240, 70, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 70, 189) }
```

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

```
.background{ background-color: rgb(240, 70,  
189) }
```

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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