Converting Colors

RGB(240, 60, 152)

Have a look what the booklet for RGB(240, 60, 152) contains.

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Color

RGB(240, 60, 152)

Conversions

Conversions Part 1

Format	Color
Hex	F03C98
RGB	240, 60, 152
RGB Percent	94%, 24%, 60%
CMY	0.0588, 0.7647, 0.4039
CMYK	0.00, 0.75, 0.37, 0.06
HSL	329°, 86%, 59%
HSV	329°, 75%, 94%
XYZ	43.2185, 24.0240, 32.0650
YIQ	124.3080, 77.7480, 66.7720

Conversions

Conversions Part 2

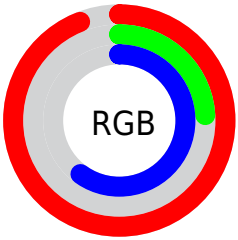
Format	Color
RYB	240, 60, 152
Decimal	15744152
CIELab	56.11, 73.66, -8.73
CIELCh	56, 74.175, 353.240
Yxy	24.0240, 0.4352, 0.2419
Android (android.graphics.Color)	4293934232 (0xFFF03C98)
YUV	124.3080, 13.6522, 101.4619
Hunter-Lab	49.0143, 71.6182, -4.4774

Details

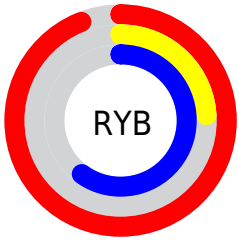
The RGB color 240, 60, 152 is a light color, and the websafe version is hex FF3399. The color can be described as light washed rose. A complement of this color would be 60, 240, 148, and the grayscale version is 124, 124, 124.

A 20% lighter version of the original color is 255, 123, 206, and 179, 0, 101 is the 20% darker color. If you saturate the color by 10%, you get 240, 36, 140, and if you desaturate by 10%, it is 240, 84, 164.

Distribution

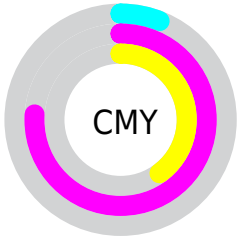


- Red (94%)
- Green (24%)
- Blue (60%)



- Red (94%)
- Yellow (24%)
- Blue (60%)

- Cyan (0%)
- Magenta (75%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 60, 152 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, 60, 152 by changing the saturation by 10% instead.

240, 60, 152

255, 255, 255

255, 123, 206

255, 152, 234

255, 182, 255

255, 212, 255

255, 242, 255

240, 60, 152

209, 12, 126

179, 0, 101

149, 0, 77

119, 0, 55

90, 0, 33

62, 0, 8

27, 0, 1

0, 0, 0

240, 60, 152

240, 60, 152

240, 36, 140

240, 12, 129

240, 0, 123

240, 84, 164

240, 108, 175

240, 132, 187

240, 156, 199

240, 180, 211

240, 204, 222

240, 228, 234

240, 252, 246

240, 255, 255

Harmonies

Analogous

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

197, 91, 213

240, 60, 152

245, 66, 88

Triad

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

240, 60, 152

114, 146, 0

0, 159, 238

Complementary

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

240, 60, 152

60, 240, 148

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, 163, 184

240, 60, 152

0, 157, 49

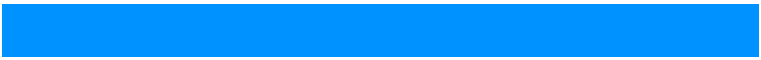
Square

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

240, 60, 152

174, 127, 0

0, 162, 117



0, 147, 255

Rectangle

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

240, 60, 152

231, 87, 47

0, 162, 117

0, 161, 222

Sweetspot

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

240, 60, 152

255, 196, 226

147, 60, 240

128, 92, 110

0, 0, 0

128, 128, 128

Same Dimension

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

240, 60, 152

255, 25, 143

240, 60, 63

120, 108, 114

184, 0, 94

56, 0, 29

Inverse Universe

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

240, 60, 152

255, 25, 143

60, 240, 237

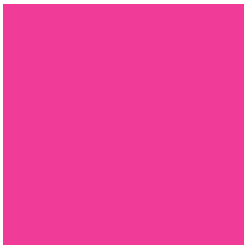
120, 108, 114

184, 0, 94

56, 0, 29

Previews

White Background

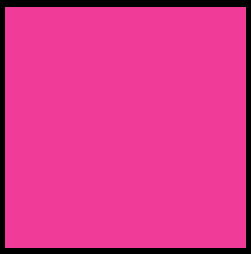


This preview shows how the RGB color 240, 60, 152 looks on a white background.

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



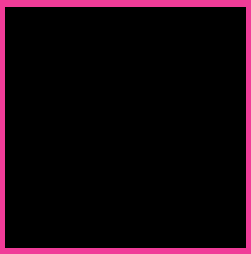
This preview shows how the RGB color 240, 60, 152 looks on a black background.

Color Contrast Check

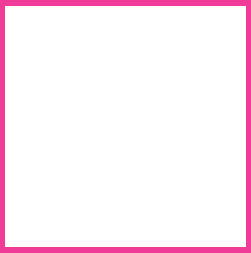
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 240, 60, 152 Background



This preview shows how black text looks on a background with the RGB color 240, 60, 152.



This preview shows how white text looks on a background with the RGB color 240, 60, 152.

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

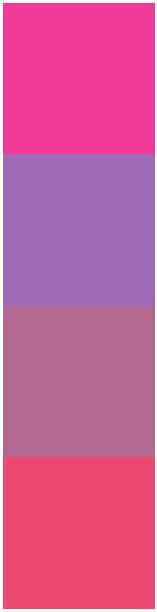
Original Color
240, 60, 152

Protanopia
112, 133, 200

Deuteranopia
144, 131, 143

Tritanopia
235, 79, 84

Trichromacy



Original Color
240, 60, 152

Protanomaly
159, 106, 183

Deuteranomaly
179, 105, 146

Tritanomaly
237, 72, 109

Monochromacy

Original Color
240, 60, 152

Achromatopsia
124, 124, 124

Achromatomaly
166, 101, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 60, 152 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, 60, 152) looks like.

```
.text, #text, p{
    color:rgb(240, 60, 152)
}
```

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, 60, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 60, 152) }
```

Border

The CSS property to change the border of an element to RGB 240, 60, 152 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, 60, 152) }
```

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

```
.border{ border-color:rgb(240, 60, 152) }
```

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

Here you see how a box with a 4 pixel rgb(240, 60, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 60, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 60, 152); box-shadow:4px 4px 4px 4px rgb(240, 60, 152) }
```

Background

The CSS property to change the background color of an element to RGB 240, 60, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 60, 152) }
```

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

```
.background{ background-color:rgb(240, 60,
152) }
```

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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