Converting Colors

RGB(240, 72, 142)

Have a look what the booklet for RGB(240, 72, 142) contains.

Color

RGB(240, 72, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F0488E
RGB	240, 72, 142
RGB Percent	94%, 28%, 56%
CMY	0.0588, 0.7176, 0.4431
CMYK	0.00, 0.70, 0.41, 0.06
HSL	335°, 85%, 61%
HSV	335°, 70%, 94%
XYZ	43.1350, 25.1130, 28.1650
YIQ	130.2120, 77.6580, 57.3860

Conversions

Conversions Part 2

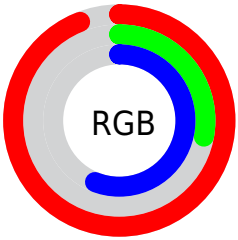
Format	Color
RYB	240, 72, 142
Decimal	15747214
CIELab	57.19, 68.78, -1.25
CIELCh	57, 68.796, 358.958
Yxy	25.1130, 0.4474, 0.2605
Android (android.graphics.Color)	4293937294 (0xFFF0488E)
YUV	130.2120, 5.8115, 96.2841
Hunter-Lab	50.1129, 65.9477, 1.7562

Details

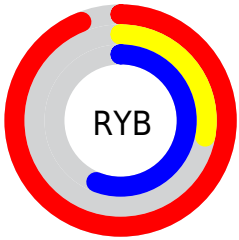
The RGB color 240, 72, 142 is a light color, and the websafe version is hex FF6699. The color can be described as light washed rose. A complement of this color would be 72, 240, 170, and the grayscale version is 130, 130, 130.

A 20% lighter version of the original color is 255, 132, 196, and 179, 0, 92 is the 20% darker color. If you saturate the color by 10%, you get 240, 48, 128, and if you desaturate by 10%, it is 240, 96, 156.

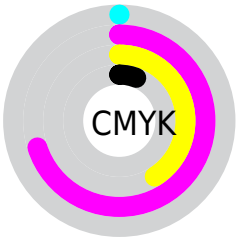
Distribution



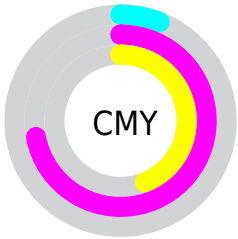
- Red (94%)
- Green (28%)
- Blue (56%)



- Red (94%)
- Yellow (28%)
- Blue (56%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (6%)



- Cyan (6%)
- Magenta (72%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 72, 142 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, 72, 142 by changing the saturation by 10% instead.

240, 72, 142	240, 72, 142
255, 255, 255	209, 37, 117
255, 132, 196	179, 0, 92
255, 161, 223	149, 0, 69
255, 190, 252	119, 0, 47
255, 220, 255	90, 0, 26
255, 249, 255	62, 0, 3
	27, 0, 1
	0, 0, 0

240, 72, 142	240, 72, 142

240, 48, 128

240, 24, 114

240, 0, 100

240, 96, 156

240, 120, 170

240, 144, 184

240, 168, 198

240, 192, 212

240, 216, 226

240, 240, 240

240, 255, 254

240, 255, 255

Harmonies

Analogous

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

206, 93, 200

240, 72, 142

239, 82, 83

Triad

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

240, 72, 142

107, 150, 0

0, 159, 240

Complementary

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

240, 72, 142

72, 240, 170

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, 164, 194

240, 72, 142

0, 160, 71

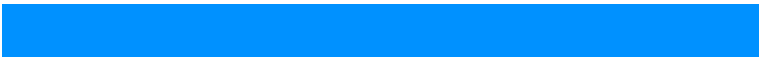
Square

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

240, 72, 142

166, 134, 0

0, 164, 133



0, 145, 255

Rectangle

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

240, 72, 142

224, 100, 46

0, 164, 133

0, 161, 227

Sweetspot

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

240, 72, 142

255, 201, 224

170, 72, 240

128, 96, 109

0, 0, 0

128, 128, 128

Same Dimension

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

240, 72, 142

255, 41, 130

240, 86, 72

120, 108, 113

184, 0, 76

56, 0, 23

Inverse Universe

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

240, 72, 142

255, 41, 130

72, 226, 240

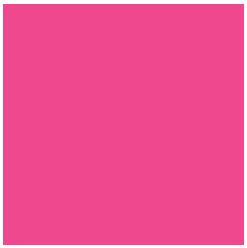
120, 108, 113

184, 0, 76

56, 0, 23

Previews

White Background

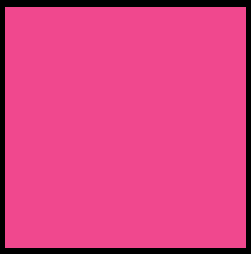


This preview shows how the RGB color 240, 72, 142 looks on a white background.

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



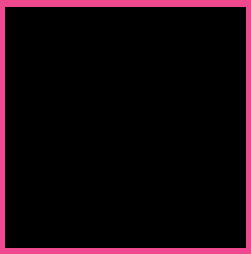
This preview shows how the RGB color 240, 72, 142 looks on a black background.

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, 72, 142 Background



This preview shows how black text looks on a background with the RGB color 240, 72, 142.

This preview shows how white text looks on a background with the RGB color 240, 72, 142.

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

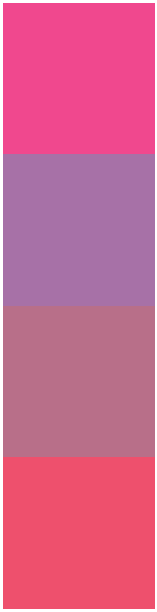
Original Color
240, 72, 142

Protanopia
125, 136, 182

Deuteranopia
152, 133, 134

Tritanopia
237, 85, 90

Trichromacy



Original Color
240, 72, 142

Protanomaly
167, 113, 167

Deuteranomaly
184, 111, 137

Tritanomaly
238, 80, 109

Monochromacy

Original Color
240, 72, 142

Achromatopsia
130, 130, 130

Achromatomaly
170, 109, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 72, 142 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, 72, 142) looks like.

```
.text, #text, p{
    color:rgb(240, 72, 142)
}
```

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, 72, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 142) }
```

Border

The CSS property to change the border of an element to RGB 240, 72, 142 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, 72, 142) }
```

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

```
.border{ border-color:rgb(240, 72, 142) }
```

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

Here you see how a box with a 4 pixel rgb(240, 72, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 72, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 72, 142); box-shadow:4px 4px 4px 4px rgb(240, 72, 142) }
```

Background

The CSS property to change the background color of an element to RGB 240, 72, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 72, 142) }
```

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

```
.background{ background-color:rgb(240, 72,
142) }
```

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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