Converting Colors

RGB(240, 144, 212)

Have a look what the booklet for RGB(240, 144, 212) contains.

Color

RGB(240, 144, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F090D4
RGB	240, 144, 212
RGB Percent	94%, 56%, 83%
CMY	0.0588, 0.4353, 0.1686
CMYK	0.00, 0.40, 0.12, 0.06
HSL	318°, 76%, 75%
HSV	318°, 40%, 94%
XYZ	57.7921, 43.2252, 67.5847
YIQ	180.4560, 35.3880, 41.5000

Conversions

Conversions Part 2

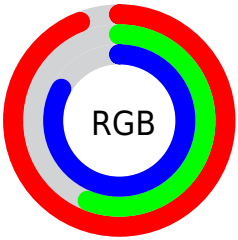
Format	Color
RYB	240, 144, 212
Decimal	15765716
CIELab	71.71, 45.54, -19.39
CIELCh	72, 49.495, 336.942
Yxy	43.2252, 0.3428, 0.2564
Android (android.graphics.Color)	4293955796 (0xFFF090D4)
YUV	180.4560, 15.5512, 52.2201
Hunter-Lab	65.7459, 41.8501, -14.9261

Details

The RGB color 240, 144, 212 is a light color, and the websafe version is hex FF99CC. A complement of this color would be 144, 240, 172, and the grayscale version is 180, 180, 180.

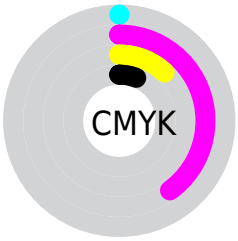
A 20% lighter version of the original color is 255, 199, 255, and 182, 91, 157 is the 20% darker color. If you saturate the color by 10%, you get 240, 120, 205, and if you desaturate by 10%, it is 240, 168, 219.

Distribution

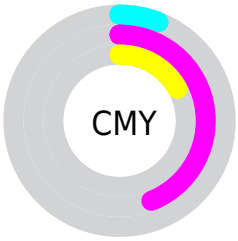


- Red (94%)
- Green (56%)
- Blue (83%)

- Red (94%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 144, 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 RGB color 240, 144, 212 by changing the saturation by 10% instead.

240, 144, 212

255, 255, 255

255, 199, 255

255, 228, 255

240, 144, 212

211, 117, 184

182, 91, 157

154, 65, 131

127, 38, 106

100, 5, 81

74, 0, 58

51, 0, 37

18, 0, 13

0, 0, 0

240, 144, 212

240, 120, 205

240, 96, 198

240, 72, 191

240, 48, 184

240, 24, 177

240, 0, 170

240, 144, 212

240, 168, 219

240, 192, 226

240, 216, 233

240, 240, 240

240, 255, 247

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.

193, 160, 248

240, 144, 212

255, 138, 167

Triad

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

240, 144, 212

193, 177, 83

0, 197, 229

Complementary

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

240, 144, 212

144, 240, 172

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, 199, 185

240, 144, 212

145, 189, 101

Square

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

240, 144, 212

231, 161, 92

83, 196, 139

0, 190, 255

Rectangle

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

240, 144, 212

255, 142, 137

83, 196, 139

0, 198, 215

Sweetspot

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

240, 144, 212

255, 224, 246

171, 144, 240

128, 110, 122

0, 0, 0

128, 128, 128

Same Dimension

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

240, 144, 212

255, 133, 219

240, 144, 165

120, 108, 116

184, 0, 130

56, 0, 40

Inverse Universe

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

240, 144, 212

255, 133, 219

144, 240, 219

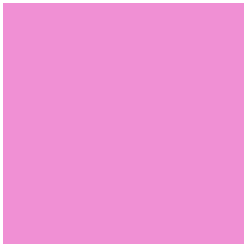
120, 108, 116

184, 0, 130

56, 0, 40

Previews

White Background



This preview shows how the RGB color 240, 144, 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

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.

RGB 240, 144, 212 Background

This preview shows how black text looks on a background with the RGB color 240, 144, 212.

This preview shows how white text looks on a background with the RGB color 240, 144, 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

Original Color
240, 144, 212

Protanopia
160, 174, 233

Deuteranopia
178, 172, 207

Tritanopia
235, 153, 165

Trichromacy

Original Color
240, 144, 212

Protanomaly
189, 163, 225

Deuteranomaly
201, 162, 209

Tritanomaly
237, 150, 182

Monochromacy

Original Color
240, 144, 212

Achromatopsia
180, 180, 180

Achromatomaly
202, 167, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 144, 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(240, 144, 212) looks like.

```
.text, #text, p{
    color:rgb(240, 144, 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(240, 144, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 212) }
```

Border

The CSS property to change the border of an element to RGB 240, 144, 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(240, 144, 212) }
```

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

```
.border{ border-color:rgb(240, 144, 212) }
```

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

Here you see how a box with a 4 pixel rgb(240, 144, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 144, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 144, 212); box-shadow:4px 4px 4px 4px rgb(240, 144, 212) }
```

Background

The CSS property to change the background color of an element to RGB 240, 144, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(240, 144, 212) }
```

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

```
.background{ background-color:rgb(240, 144, 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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