Converting Colors

RGB(240, 122, 235)

Have a look what the booklet for RGB(240, 122, 235) contains.

RGB(240, 122, 235) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(240, 122, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F07AEB
RGB	240, 122, 235
RGB Percent	94%, 48%, 92%
CMY	0.0588, 0.5216, 0.0784
CMYK	0.00, 0.49, 0.02, 0.06
HSL	303°, 80%, 71%
HSV	303°, 49%, 94%
XYZ	57.8901, 38.4425, 82.9663
YIQ	170.1640, 34.0550, 60.1590

Conversions

Conversions Part 2

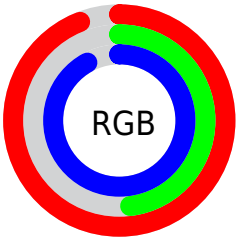
Format	Color
RYB	240, 122, 235
Decimal	15760107
CIELab	68.35, 60.27, -37.25
CIELCh	68, 70.855, 328.282
Yxy	38.4425, 0.3229, 0.2144
Android (android.graphics.Color)	4293950187 (0xFFF07AEB)
YUV	170.1640, 31.9641, 61.2462
Hunter-Lab	62.0020, 58.1586, -35.9359

Details

The RGB color 240, 122, 235 is a light color, and the websafe version is hex CC66CC. A complement of this color would be 122, 240, 127, and the grayscale version is 170, 170, 170.

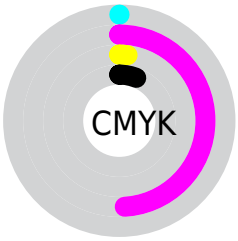
A 20% lighter version of the original color is 255, 178, 255, and 182, 66, 179 is the 20% darker color. If you saturate the color by 10%, you get 240, 98, 234, and if you desaturate by 10%, it is 240, 146, 236.

Distribution

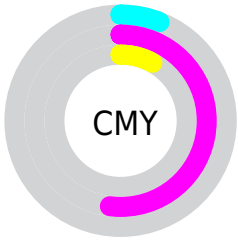


- Red (94%)
- Green (48%)
- Blue (92%)

- Red (94%)
- Yellow (48%)
- Blue (92%)



- Cyan (0%)
- Magenta (49%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (52%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 122, 235 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, 122, 235 by changing the saturation by 10% instead.

240, 122, 235

255, 255, 255

255, 178, 255

255, 207, 255

255, 236, 255

240, 122, 235

210, 94, 207

182, 66, 179

153, 36, 152

125, 0, 125

98, 0, 100

71, 0, 76

47, 0, 53

6, 0, 30

0, 0, 0

240, 122, 235

240, 98, 234

240, 74, 233

240, 50, 232

240, 26, 231

240, 2, 230

240, 0, 230

240, 122, 235

240, 146, 236

240, 170, 237

240, 194, 238

240, 218, 239

240, 242, 240

240, 255, 241

240, 255, 242

240, 255, 243

240, 255, 244

Harmonies

Analogous

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

158, 151, 255

240, 122, 235

255, 103, 173

Triad

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

240, 122, 235

201, 162, 7

0, 196, 226

Complementary

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

240, 122, 235

122, 240, 127

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, 196, 161

240, 122, 235

138, 181, 38

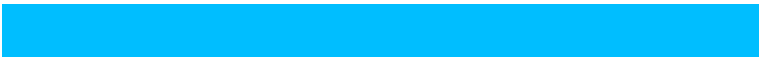
Square

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

240, 122, 235

250, 137, 55

26, 191, 95



0, 190, 255

Rectangle

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

240, 122, 235

255, 105, 130

26, 191, 95

0, 197, 205

Sweetspot

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

240, 122, 235

255, 217, 253

126, 122, 240

128, 105, 127

0, 0, 0

128, 128, 128

Same Dimension

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

240, 122, 235

255, 105, 249

240, 122, 177

120, 108, 119

184, 0, 176

56, 0, 54

Inverse Universe

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

240, 122, 235

255, 105, 249

122, 240, 185

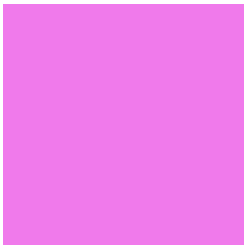
120, 108, 119

184, 0, 176

56, 0, 54

Previews

White Background

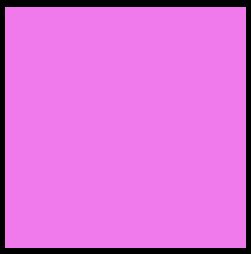


This preview shows how the RGB color 240, 122, 235 looks on a white background.

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



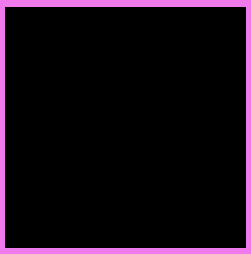
This preview shows how the RGB color 240, 122, 235 looks on a black background.

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 ✓ Pass

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

RGB 240, 122, 235 Background



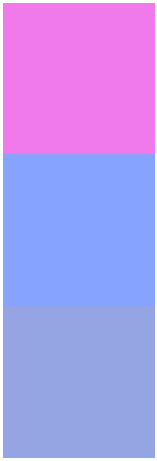
This preview shows how black text looks on a background with the RGB color 240, 122, 235.

This preview shows how white text looks on a background with the RGB color 240, 122, 235.

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



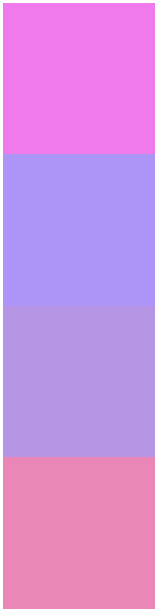
Original Color
240, 122, 235

Protanopia
134, 164, 255

Deuteranopia
149, 165, 227

Tritanopia
230, 142, 152

Trichromacy



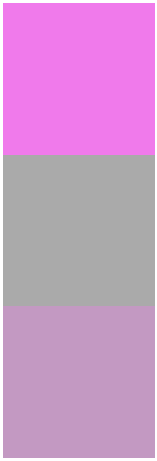
Original Color
240, 122, 235

Protanomaly
173, 149, 248

Deuteranomaly
182, 149, 230

Tritanomaly
234, 135, 182

Monochromacy



Original Color
240, 122, 235

Achromatopsia
170, 170, 170

Achromatomaly
195, 153, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 122, 235 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, 122, 235) looks like.

```
.text, #text, p{
    color:rgb(240, 122, 235)
}
```

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, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 122, 235) }
```

Border

The CSS property to change the border of an element to RGB 240, 122, 235 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, 122, 235) }
```

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

```
.border{ border-color:rgb(240, 122, 235) }
```

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

Here you see how a box with a 4 pixel rgb(240, 122, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 122, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 122, 235); box-shadow:4px 4px 4px 4px rgb(240, 122, 235) }
```

Background

The CSS property to change the background color of an element to RGB 240, 122, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 122, 235) }
```

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

```
.background{ background-color:rgb(240,
122, 235) }
```

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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