Converting Colors

RGB(240, 151, 252)

Have a look what the booklet for RGB(240, 151, 252) contains.

Color

RGB(240, 151, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F097FC
RGB	240, 151, 252
RGB Percent	94%, 59%, 99%
CMY	0.0588, 0.4078, 0.0118
CMYK	0.05, 0.40, 0.00, 0.01
HSL	293°, 94%, 79%
HSV	293°, 40%, 99%
XYZ	64.5725, 47.6868, 97.8966
YIQ	189.1250, 20.6230, 50.2790

Conversions

Conversions Part 2

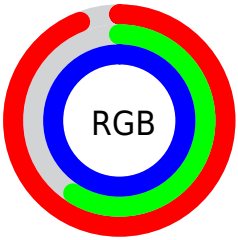
Format	Color
RYB	240, 151, 252
Decimal	15767548
CIELab	74.63, 48.91, -36.78
CIELCh	75, 61.200, 323.060
Yxy	47.6868, 0.3073, 0.2269
Android (android.graphics.Color)	4293957628 (0xFFF097FC)
YUV	189.1250, 30.9974, 44.6174
Hunter-Lab	69.0556, 46.0644, -35.7135

Details

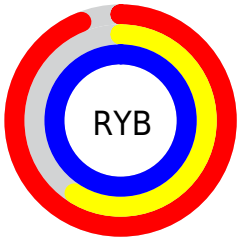
The RGB color 240, 151, 252 is a light color, and the websafe version is hex FF99FF. A complement of this color would be 163, 252, 151, and the grayscale version is 189, 189, 189.

A 20% lighter version of the original color is 255, 207, 255, and 182, 98, 195 is the 20% darker color. If you saturate the color by 10%, you get 237, 126, 252, and if you desaturate by 10%, it is 243, 176, 252.

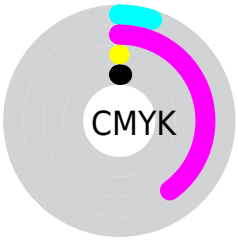
Distribution



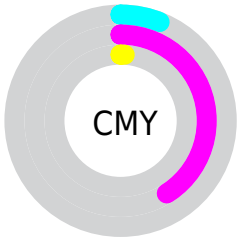
- Red (94%)
- Green (59%)
- Blue (99%)



- Red (94%)
- Yellow (59%)
- Blue (99%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 151, 252 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, 151, 252 by changing the saturation by 10% instead.

240, 151, 252

255, 255, 255

255, 207, 255

255, 236, 255

240, 151, 252

211, 124, 223

182, 98, 195

154, 71, 168

127, 45, 141

100, 15, 115

74, 0, 90

49, 0, 66

24, 0, 43

0, 1, 21

240, 151, 252	240, 151, 252
237, 126, 252	243, 176, 252
234, 101, 252	246, 201, 252
231, 75, 252	249, 227, 252
228, 50, 252	252, 252, 252
225, 25, 252	255, 255, 252
222, 0, 252	255, 255, 252

Harmonies

Analogous

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

164, 174, 255

240, 151, 252

255, 135, 199

Triad

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

240, 151, 252

226, 176, 66

0, 211, 226

Complementary

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

240, 151, 252

163, 252, 151

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, 211, 168

240, 151, 252

172, 194, 73

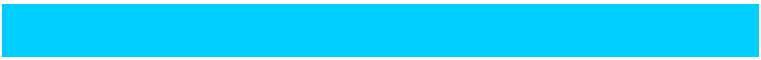
Square

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

240, 151, 252

255, 155, 95

103, 205, 113



0, 206, 255

Rectangle

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

240, 151, 252

255, 134, 161

103, 205, 113

0, 212, 207

Sweetspot

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

240, 151, 252

251, 224, 255

151, 164, 252

125, 110, 128

0, 0, 0

128, 128, 128

Same Dimension

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

240, 151, 252

240, 133, 255

252, 151, 215

123, 112, 125

166, 0, 189

54, 0, 61

Inverse Universe

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

252, 151, 163

255, 133, 147

151, 252, 188

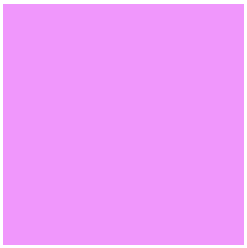
125, 112, 114

189, 0, 22

61, 0, 7

Previews

White Background

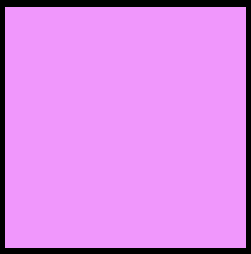


This preview shows how the RGB color 240, 151, 252 looks on a white background.

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



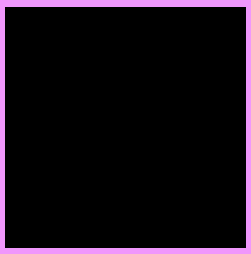
This preview shows how the RGB color 240, 151, 252 looks on a black background.

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, 151, 252 Background



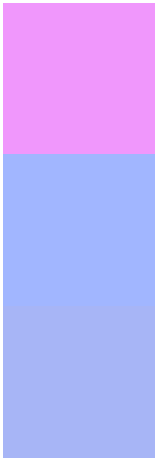
This preview shows how black text looks on a background with the RGB color 240, 151, 252.

This preview shows how white text looks on a background with the RGB color 240, 151, 252.

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



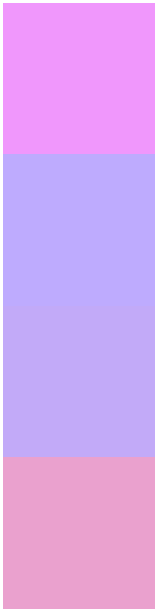
Original Color
240, 151, 252

Protanopia
161, 182, 255

Deuteranopia
167, 181, 246

Tritanopia
230, 167, 179

Trichromacy



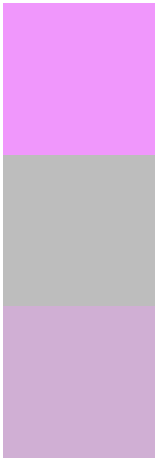
Original Color
240, 151, 252

Protanomaly
190, 171, 254

Deuteranomaly
194, 170, 248

Tritanomaly
234, 161, 206

Monochromacy



Original Color
240, 151, 252

Achromatopsia
189, 189, 189

Achromatomaly
208, 175, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 151, 252 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, 151, 252) looks like.

```
.text, #text, p{
    color:rgb(240, 151, 252)
}
```

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, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 151, 252) }
```

Border

The CSS property to change the border of an element to RGB 240, 151, 252 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, 151, 252) }
```

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

```
.border{ border-color:rgb(240, 151, 252) }
```

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

Here you see how a box with a 4 pixel rgb(240, 151, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 151, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 151, 252); box-shadow:4px 4px 4px 4px rgb(240, 151, 252) }
```

Background

The CSS property to change the background color of an element to RGB 240, 151, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 151, 252) }
```

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

```
.background{ background-color:rgb(240,
151, 252) }
```

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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