Converting Colors

RGB(248, 121, 240)

Have a look what the booklet for RGB(248, 121, 240) contains.

Color

RGB(248, 121, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F879F0
RGB	248, 121, 240
RGB Percent	97%, 47%, 94%
CMY	0.0275, 0.5255, 0.0588
CMYK	0.00, 0.51, 0.03, 0.03
HSL	304°, 90%, 72%
HSV	304°, 51%, 97%
XYZ	61.2769, 39.9225, 86.9142
YIQ	172.5390, 37.4930, 63.9330

Conversions

Conversions Part 2

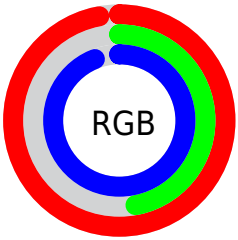
Format	Color
RYB	248, 121, 240
Decimal	16284144
CIELab	69.41, 63.77, -38.26
CIELCh	69, 74.371, 329.039
Yxy	39.9225, 0.3257, 0.2122
Android (android.graphics.Color)	4294474224 (0xFFF879F0)
YUV	172.5390, 33.2583, 66.1793
Hunter-Lab	63.1842, 62.5394, -37.3285

Details

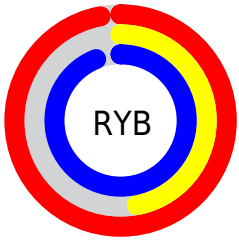
The RGB color 248, 121, 240 is a light color, and the websafe version is hex FF99FF. A complement of this color would be 121, 248, 129, and the grayscale version is 172, 172, 172.

A 20% lighter version of the original color is 255, 178, 255, and 189, 64, 184 is the 20% darker color. If you saturate the color by 10%, you get 248, 96, 238, and if you desaturate by 10%, it is 248, 146, 242.

Distribution

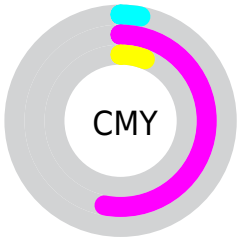


- Red (97%)
- Green (47%)
- Blue (94%)



- Red (97%)
- Yellow (47%)
- Blue (94%)

- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 121, 240 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 248, 121, 240 by changing the saturation by 10% instead.

248, 121, 240

255, 255, 255

255, 178, 255

255, 206, 255

255, 236, 255

248, 121, 240

218, 93, 211

189, 64, 184

160, 31, 156

132, 0, 130

104, 0, 104

77, 0, 80

53, 0, 56

20, 0, 34

0, 0, 7

248, 121, 240

248, 96, 238

248, 71, 237

248, 47, 235

248, 22, 234

248, 0, 232

248, 121, 240

248, 146, 242

248, 171, 243

248, 195, 245

248, 220, 246

248, 245, 248

248, 255, 249

248, 255, 251

248, 255, 252

248, 255, 254

Harmonies

Analogous

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

163, 152, 255

248, 121, 240

255, 101, 175

Triad

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

248, 121, 240

204, 166, 0

0, 200, 233

Complementary

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

248, 121, 240

121, 248, 129

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, 200, 165

248, 121, 240

137, 185, 32

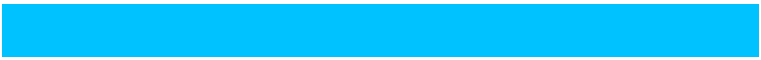
Square

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

248, 121, 240

255, 139, 49

0, 195, 96



0, 194, 255

Rectangle

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

248, 121, 240

255, 104, 130

0, 195, 96

0, 201, 212

Sweetspot

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

248, 121, 240

255, 217, 253

127, 121, 248

128, 105, 126

0, 0, 0

128, 128, 128

Same Dimension

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

248, 121, 240

255, 99, 245

248, 121, 178

125, 112, 124

189, 0, 177

61, 0, 57

Inverse Universe

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

248, 121, 240

255, 99, 245

121, 248, 191

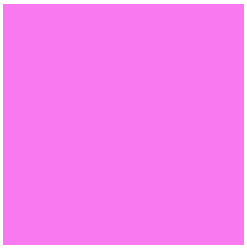
125, 112, 124

189, 0, 177

61, 0, 57

Previews

White Background

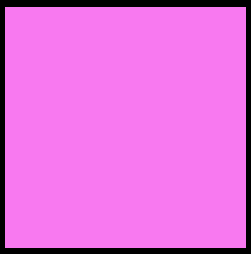


This preview shows how the RGB color 248, 121, 240 looks on a white background.

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



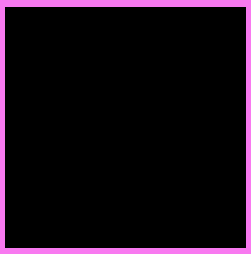
This preview shows how the RGB color 248, 121, 240 looks on a black background.

Color Contrast Check

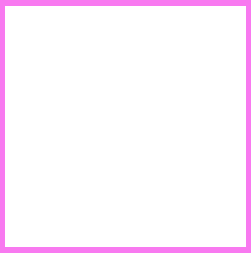
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 248, 121, 240 Background



This preview shows how black text looks on a background with the RGB color 248, 121, 240.

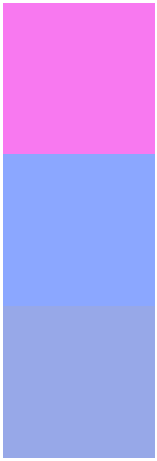


This preview shows how white text looks on a background with the RGB color 248, 121, 240.

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



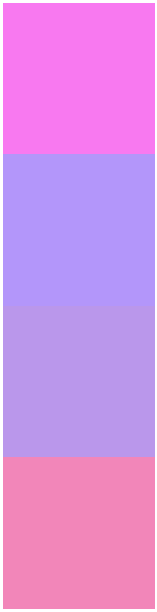
Original Color
248, 121, 240

Protanopia
139, 167, 255

Deuteranopia
151, 168, 232

Tritanopia
238, 142, 153

Trichromacy



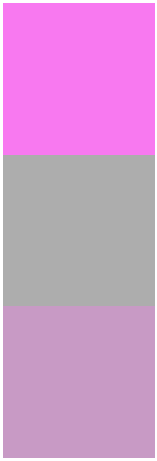
Original Color
248, 121, 240

Protanomaly
179, 150, 250

Deuteranomaly
186, 151, 235

Tritanomaly
242, 134, 185

Monochromacy



Original Color
248, 121, 240

Achromatopsia
173, 173, 173

Achromatomaly
200, 154, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 121, 240 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(248, 121, 240) looks like.

```
.text, #text, p{
    color:rgb(248, 121, 240)
}
```

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(248, 121, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 121, 240) }
```

Border

The CSS property to change the border of an element to RGB 248, 121, 240 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(248, 121, 240) }
```

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

```
.border{ border-color:rgb(248, 121, 240) }
```

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

Here you see how a box with a 4 pixel rgb(248, 121, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 121, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 121, 240); box-shadow:4px 4px 4px 4px rgb(248, 121, 240) }
```

Background

The CSS property to change the background color of an element to RGB 248, 121, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(248, 121, 240) }
```

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

```
.background{ background-color:rgb(248,
121, 240) }
```

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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