Converting Colors

RGB(240, 88, 255)

Have a look what the booklet for RGB(240, 88, 255) contains.

Color

RGB(240, 88, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F058FF
RGB	240, 88, 255
RGB Percent	94%, 35%, 100%
CMY	0.0588, 0.6549, 0.0000
CMYK	0.06, 0.65, 0.00, 0.00
HSL	295°, 100%, 67%
HSV	295°, 65%, 100%
XYZ	57.4749, 32.7247, 97.8950
YIQ	152.4860, 36.9850, 84.1610

Conversions

Conversions Part 2

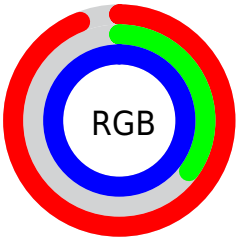
Format	Color
RYB	240, 88, 255
Decimal	15751423
CIELab	63.94, 78.26, -55.21
CIELCh	64, 95.772, 324.797
Yxy	32.7247, 0.3056, 0.1740
Android (android.graphics.Color)	4293941503 (0xFFF058FF)
YUV	152.4860, 50.5394, 76.7498
Hunter-Lab	57.2055, 79.2309, -61.4183

Details

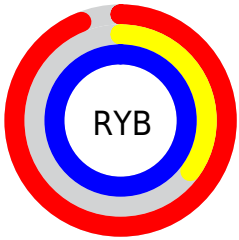
The RGB color 240, 88, 255 is a light color, and the websafe version is hex FF66FF. The color can be described as light muted magenta. A complement of this color would be 103, 255, 88, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 255, 148, 255, and 180, 1, 197 is the 20% darker color. If you saturate the color by 10%, you get 238, 63, 255, and if you desaturate by 10%, it is 242, 114, 255.

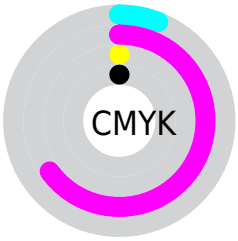
Distribution



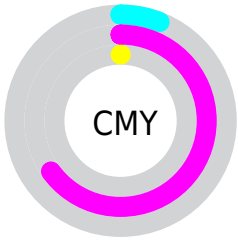
- Red (94%)
- Green (35%)
- Blue (100%)



- Red (94%)
- Yellow (35%)
- Blue (100%)



- Cyan (6%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 88, 255 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, 88, 255 by changing the saturation by 10% instead.

240, 88, 255

255, 255, 255

255, 148, 255

255, 177, 255

255, 207, 255

255, 237, 255

240, 88, 255

210, 55, 226

180, 1, 197

151, 0, 170

122, 0, 143

93, 0, 116

65, 0, 91

36, 0, 66

0, 0, 43

0, 1, 21

240, 88, 255

238, 63, 255

235, 37, 255

233, 12, 255

232, 0, 255

240, 88, 255

242, 114, 255

245, 139, 255

247, 165, 255

249, 190, 255

251, 216, 255

254, 241, 255

255, 255, 255

Harmonies

Analogous

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

101, 139, 255

240, 88, 255

255, 14, 174

Triad

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

240, 88, 255

200, 146, 0

0, 191, 225

Complementary

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

240, 88, 255

103, 255, 88

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, 190, 137

240, 88, 255

119, 171, 0

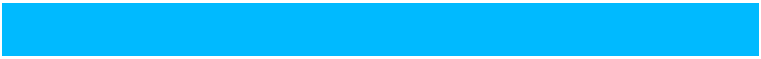
Square

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

240, 88, 255

255, 106, 0

0, 184, 41



0, 186, 255

Rectangle

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

240, 88, 255

255, 19, 117

0, 184, 41

0, 191, 196

Sweetspot

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

240, 88, 255

250, 204, 255

88, 105, 255

125, 97, 128

0, 0, 0

128, 128, 128

Same Dimension

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

240, 88, 255

237, 54, 255

255, 88, 188

126, 115, 128

174, 0, 191

58, 0, 64

Inverse Universe

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

255, 88, 103

255, 54, 72

88, 255, 155

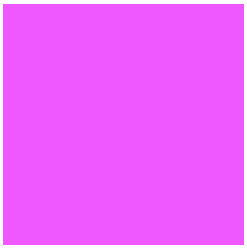
128, 115, 116

191, 0, 17

64, 0, 6

Previews

White Background

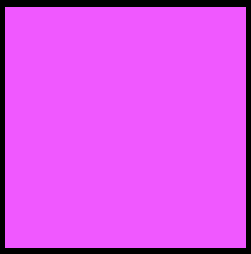


This preview shows how the RGB color 240, 88, 255 looks on a white background.

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



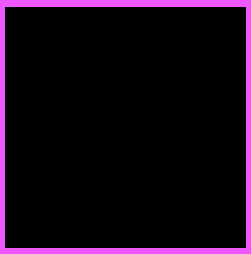
This preview shows how the RGB color 240, 88, 255 looks on a black background.

Color Contrast Check

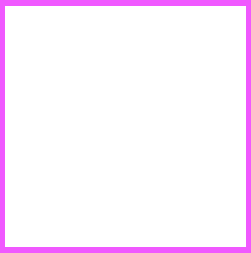
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 240, 88, 255 Background



This preview shows how black text looks on a background with the RGB color 240, 88, 255.

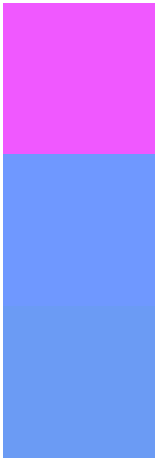


This preview shows how white text looks on a background with the RGB color 240, 88, 255.

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



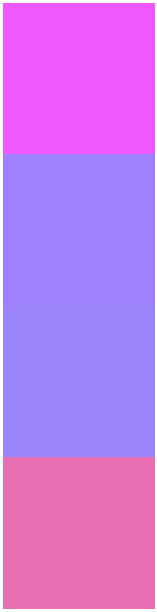
Original Color
240, 88, 255

Protanopia
111, 152, 255

Deuteranopia
107, 155, 244

Tritanopia
225, 125, 134

Trichromacy



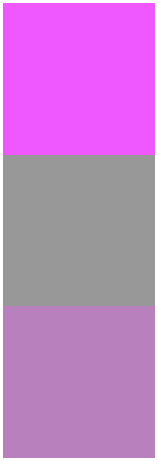
Original Color
240, 88, 255

Protanomaly
158, 129, 255

Deuteranomaly
155, 131, 248

Tritanomaly
230, 112, 178

Monochromacy



Original Color
240, 88, 255

Achromatopsia
152, 152, 152

Achromatomaly
184, 129, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 88, 255 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, 88, 255) looks like.

```
.text, #text, p{
    color:rgb(240, 88, 255)
}
```

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, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 88, 255) }
```

Border

The CSS property to change the border of an element to RGB 240, 88, 255 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, 88, 255) }
```

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

```
.border{ border-color:rgb(240, 88, 255) }
```

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

Here you see how a box with a 4 pixel rgb(240, 88, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 88, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 88, 255); box-shadow:4px 4px 4px 4px rgb(240, 88, 255) }
```

Background

The CSS property to change the background color of an element to RGB 240, 88, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 88, 255) }
```

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

```
.background{ background-color:rgb(240, 88,
255) }
```

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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