

Converting Colors

RGB(240, 101, 255)

Have a look what the booklet for
RGB(240, 101, 255) contains.

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Color

RGB(240, 101, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F065FF
RGB	240, 101, 255
RGB Percent	94%, 40%, 100%
CMY	0.0588, 0.6039, 0.0000
CMYK	0.06, 0.60, 0.00, 0.00
HSL	294°, 100%, 70%
HSV	294°, 60%, 100%
XYZ	58.6389, 35.0526, 98.2830
YIQ	160.1170, 33.4100, 77.3620

Conversions

Conversions Part 2

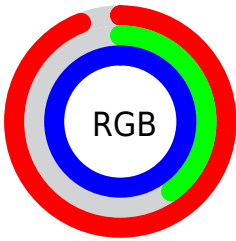
Format	Color
R _Y B	240, 101, 255
Decimal	15754751
CIE Lab	65.79, 73.11, -52.27
CIE LCh	66, 89.872, 324.436
Yxy	35.0526, 0.3055, 0.1826
Android (android.graphics.Color)	4293944831 (0xFFFF065FF)
YUV	160.1170, 46.7773, 70.0574
Hunter-Lab	59.2053, 73.1831, -56.9800

Details

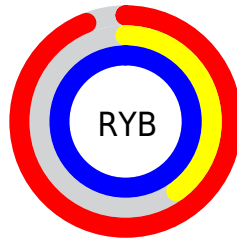
The RGB color **240, 101, 255** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **116, 255, 101**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 159, 255**, and **181, 36, 198** is the 20% darker color. If you saturate the color by 10%, you get **238, 75, 255**, and if you desaturate by 10%, it is **242, 126, 255**.

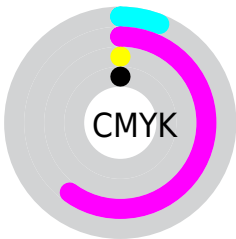
Distribution



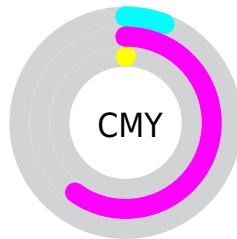
- Red (94%)
- Green (40%)
- Blue (100%)



- Red (94%)
- Yellow (40%)
- Blue (100%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 101, 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, 101, 255 by changing the saturation by 10% instead.


 240, 101, 255

 240, 101, 255

255, 255, 255

 210, 71, 226

 255, 159, 255

 181, 36, 198

 255, 188, 255

 152, 0, 170

 255, 217, 255

 123, 0, 143

 255, 247, 255

 95, 0, 117

 67, 0, 91

 40, 0, 67

 0, 0, 43

 0, 1, 22

■ 240, 101, 255

■ 240, 101, 255

■ 238, 75, 255

■ 242, 126, 255

■ 235, 50, 255

■ 245, 152, 255

■ 233, 24, 255

■ 247, 178, 255

■ 230, 0, 255

■ 250, 203, 255

■ 252, 228, 255

255, 254, 255

255, 255, 255

Harmonies

Analogous

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



114, 145, 255



240, 101, 255



255, 57, 178

Triad

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



240, 101, 255



205, 151, 0



0, 195, 225

Complementary

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



240, 101, 255



116, 255, 101

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, 194, 142



240, 101, 255



129, 175, 0

Square

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



240, 101, 255



255, 115, 5



0, 188, 55



0, 190, 255

Rectangle

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



240, 101, 255



255, 57, 125



0, 188, 55



0, 195, 198

Sweetspot

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



240, 101, 255



251, 209, 255



101, 116, 255



125, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 101, 255



237, 71, 255



255, 101, 193



126, 115, 128



173, 0, 191



58, 0, 64

Inverse Universe

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



255, 101, 116



255, 71, 89



101, 255, 163



128, 115, 116



191, 0, 19



64, 0, 6

Previews

White Background



This preview shows how the RGB color 240, 101, 255 looks on a white background.

Color Contrast Check

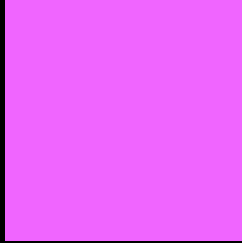
Large Text (above 18pt) WCAG AA × Fail

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, 101, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

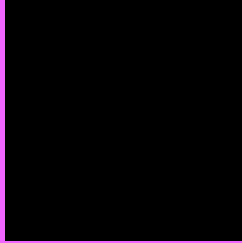
Any Text WCAG AA ✓ Pass

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, 101, 255 Background



This preview shows how black text looks on a background with the RGB color 240, 101, 255.

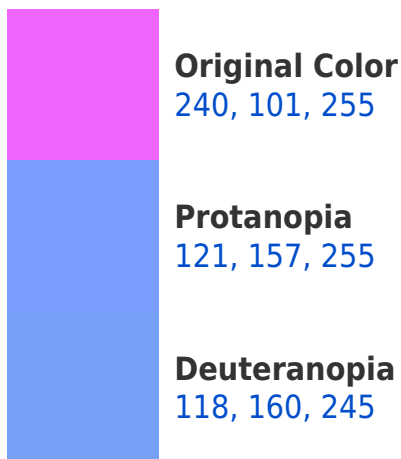



This preview shows how white text looks on a background with the RGB color 240, 101, 255.

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





Tritanopia
226, 133, 143

Trichromacy



Original Color

240, 101, 255



Protanomaly

164, 137, 255



Deuteranomaly

162, 139, 249

Tritanomaly

231, 121, 184

Monochromacy



Original Color

240, 101, 255



Achromatopsia

160, 160, 160



Achromatomaly

189, 139, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 101, 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, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 101, 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, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 101, 255) }
```

Border

The CSS property to change the border of an element to RGB 240, 101, 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, 101, 255) }
```

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

```
.border{ border-color:rgb(240, 101, 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, 101, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 101,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 240, 101, 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, 101, 255) }
```

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

```
.background{ background-color: rgb(240,  
101, 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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