

Converting Colors

RGB(240, 151, 251)

Have a look what the booklet for
RGB(240, 151, 251) contains.

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Color

RGB(240, 151, 251)

Conversions

Conversions Part 1

Format	Color
Hex	F097FB
RGB	240, 151, 251
RGB Percent	94%, 59%, 98%
CMY	0.0588, 0.4078, 0.0157
CMYK	0.04, 0.40, 0.00, 0.02
HSL	293°, 93%, 79%
HSV	293°, 40%, 98%
XYZ	64.4144, 47.6235, 97.0640
YIQ	189.0110, 20.9440, 49.9680

Conversions

Conversions Part 2

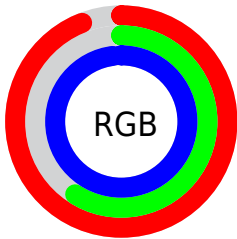
Format	Color
R_{YB}	240, 151, 251
Decimal	15767547
CIE _{Lab}	74.59, 48.73, -36.30
CIE _{LCh}	75, 60.763, 323.316
Yxy	47.6235, 0.3081, 0.2278
Android (android.graphics.Color)	4293957627 (0xFFFF097FB)
YUV	189.0110, 30.5606, 44.7174
Hunter-Lab	69.0098, 45.8464, -35.0860

Details

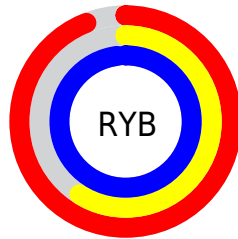
The RGB color **240, 151, 251** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **162, 251, 151**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 207, 255**, and **182, 98, 194** is the 20% darker color. If you saturate the color by 10%, you get **237, 126, 251**, and if you desaturate by 10%, it is **243, 176, 251**.

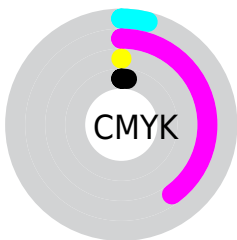
Distribution



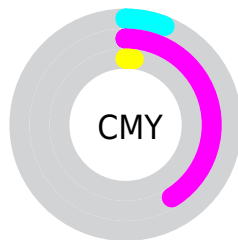
- Red (94%)
- Green (59%)
- Blue (98%)



- Red (94%)
- Yellow (59%)
- Blue (98%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)




- Cyan (6%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 151, 251 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, 251 by changing the saturation by 10% instead.

 240, 151, 251

 240, 151, 251

255, 255, 255

 211, 124, 222


 255, 207, 255

 182, 98, 194

 255, 236, 255

 154, 71, 167


 127, 45, 140

 100, 15, 114


 74, 0, 89


 49, 0, 65


 24, 0, 43


 0, 1, 20

 240, 151, 251

 240, 151, 251

 237, 126, 251

 243, 176, 251

 234, 101, 251

 246, 201, 251

 232, 76, 251

 248, 226, 251

 229, 51, 251

 251, 251, 251

 226, 25, 251

 254, 255, 251

 223, 0, 251

 255, 255, 251

 223, 0, 251

Harmonies

Analogous

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



165, 174, 255



240, 151, 251



255, 135, 198

Triad

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



240, 151, 251



225, 176, 67



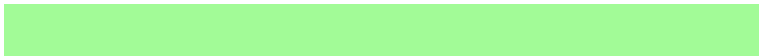
0, 211, 226

Complementary

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



240, 151, 251



162, 251, 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, 210, 169



240, 151, 251



172, 194, 74

Square

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



240, 151, 251



255, 155, 95



103, 205, 114



0, 206, 255

Rectangle

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



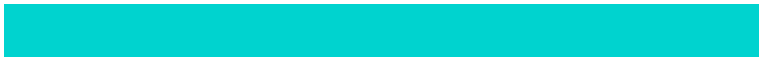
240, 151, 251



255, 134, 161



103, 205, 114



0, 211, 207

Sweetspot

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



240, 151, 251



252, 224, 255



151, 163, 251



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 151, 251



242, 133, 255



251, 151, 213



124, 112, 125



168, 0, 189



54, 0, 61

Inverse Universe

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



251, 151, 162



255, 133, 146



151, 251, 189



125, 112, 114



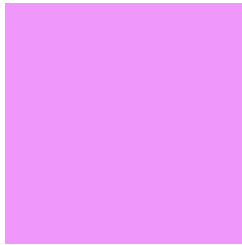
189, 0, 21



61, 0, 7

Previews

White Background



This preview shows how the RGB color 240, 151, 251 looks on a white background.

Color Contrast Check

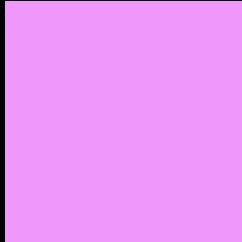
Large Text (above 18pt) WCAG AA × Fail

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, 251 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, 251 Background



This preview shows how black text looks on a background with the RGB color 240, 151, 251.



This preview shows how white text looks on a background with the RGB color 240, 151, 251.

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, 251

Protanopia
161, 182, 255

Deuteranopia
168, 181, 245



Tritanopia
230, 166, 179

Trichromacy



Original Color

240, 151, 251



Protanomaly

190, 171, 254



Deuteranomaly

194, 170, 247



Tritanomaly

234, 161, 205

Monochromacy



Original Color

240, 151, 251



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, 251 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, 251) looks like.

```
.text, #text, p{  
    color:rgb(240, 151, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 151, 251) }
```

Border

The CSS property to change the border of an element to RGB 240, 151, 251 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, 251) }
```

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

```
.border{ border-color:rgb(240, 151, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 151, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 151, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 151,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 240, 151, 251 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, 251) }
```

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

```
.background{ background-color: rgb(240,  
151, 251) }
```

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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