

Converting Colors

RGB(129, 111, 240)

Have a look what the booklet for
RGB(129, 111, 240) contains.

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Color

RGB(129, 111, 240)

Conversions

Conversions Part 1

Format	Color
Hex	816FF0
RGB	129, 111, 240
RGB Percent	51%, 44%, 94%
CMY	0.4941, 0.5647, 0.0588
CMYK	0.46, 0.54, 0.00, 0.06
HSL	248°, 81%, 69%
HSV	248°, 54%, 94%
XYZ	30.4659, 22.3273, 85.1419
YIQ	131.0880, -30.6810, 43.9350

Conversions

Conversions Part 2

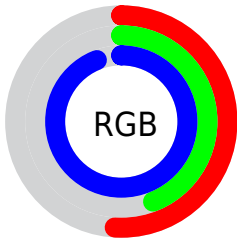
Format	Color
R _Y B	129, 111, 240
Decimal	8482800
CIE Lab	54.37, 38.86, -62.93
CIE LCh	54, 73.955, 301.695
Yxy	22.3273, 0.2209, 0.1619
Android (android.graphics.Color)	4286672880 (0xFF816FF0)
YUV	131.0880, 53.6936, -1.8312
Hunter-Lab	47.2517, 32.3985, -73.7572

Details

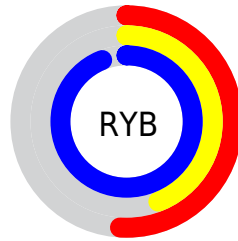
The RGB color **129, 111, 240** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **222, 240, 111**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **188, 163, 255**, and **69, 63, 183** is the 20% darker color. If you saturate the color by 10%, you get **108, 87, 240**, and if you desaturate by 10%, it is **150, 135, 240**.

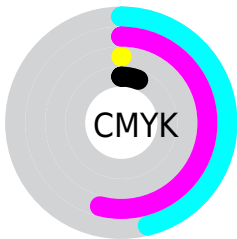
Distribution



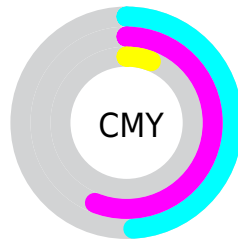
- Red (51%)
- Green (44%)
- Blue (94%)



- Red (51%)
- Yellow (44%)
- Blue (94%)



- Cyan (46%)
- Magenta (54%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 111, 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 129, 111, 240 by changing the saturation by 10% instead.

 129, 111, 240


255, 255, 255

 188, 163, 255

 217, 190, 255

 247, 218, 255

 255, 247, 255


 129, 111, 240

 100, 86, 211

 69, 63, 183

 33, 40, 156

 0, 18, 129


 0, 0, 103

 0, 0, 78

 0, 5, 54


 0, 2, 32


 0, 0, 4


 129, 111, 240

 129, 111, 240


 108, 87, 240


 150, 135, 240

 88, 63, 240

 170, 159, 240

 67, 39, 240

 191, 183, 240

 46, 15, 240

 212, 207, 240

 33, 0, 240

 232, 231, 240

 253, 255, 240

 255, 255, 240

Harmonies

Analogous

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



0, 137, 255



129, 111, 240



208, 76, 192

Triad

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



129, 111, 240



203, 103, 0



0, 158, 132

Complementary

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



129, 111, 240



222, 240, 111

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, 154, 65



129, 111, 240



154, 129, 0

Square

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



129, 111, 240



235, 69, 67



89, 145, 0



0, 158, 196

Rectangle

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



129, 111, 240



233, 55, 151



89, 145, 0



0, 157, 110

Sweetspot

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



129, 111, 240



220, 214, 255



111, 223, 240



107, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 111, 240



112, 89, 255



193, 111, 240



110, 108, 120



26, 0, 184



8, 0, 56

Inverse Universe

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



240, 111, 222



255, 89, 232



158, 240, 111



120, 108, 118



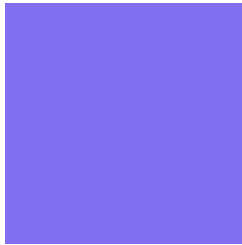
184, 0, 158



56, 0, 48

Previews

White Background



This preview shows how the RGB color 129, 111, 240 looks on a white background.

Color Contrast Check

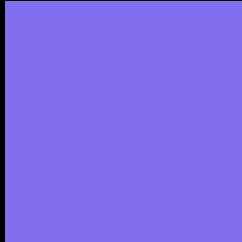
Large Text (above 18pt) WCAG AA ✓ Pass

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 129, 111, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

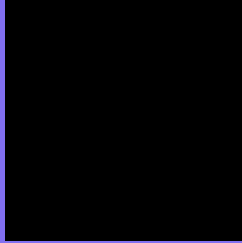
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 129, 111, 240 Background



This preview shows how black text looks on a background with the RGB color 129, 111, 240.

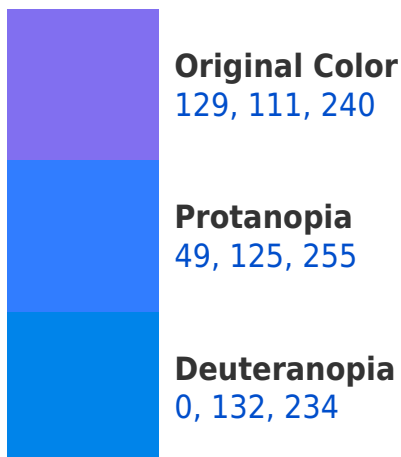



This preview shows how white text looks on a background with the RGB color 129, 111, 240.

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





Tritanopia
103, 135, 146

Trichromacy



Original Color

129, 111, 240



Protanomaly

78, 120, 250



Deuteranomaly

47, 124, 236



Tritanomaly

112, 126, 180

Monochromacy



Original Color

129, 111, 240



Achromatopsia

131, 131, 131



Achromatomaly

130, 124, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 111, 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(129, 111, 240)` looks like.

```
.text, #text, p{  
    color:rgb(129, 111, 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(129, 111, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 111, 240) }
```

Border

The CSS property to change the border of an element to RGB 129, 111, 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(129, 111, 240) }
```

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

```
.border{ border-color:rgb(129, 111, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 111, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 111, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 111, 240);  
box-shadow:4px 4px 4px 4px rgb(129, 111,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 129, 111, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 111, 240) }
```

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

```
.background{ background-color: rgb(129,  
111, 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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