

Converting Colors

RGB(126, 111, 241)

Have a look what the booklet for
RGB(126, 111, 241) contains.

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Color

RGB(126, 111, 241)

Conversions

Conversions Part 1

Format	Color
Hex	7E6FF1
RGB	126, 111, 241
RGB Percent	49%, 44%, 95%
CMY	0.5059, 0.5647, 0.0549
CMYK	0.48, 0.54, 0.00, 0.05
HSL	247°, 82%, 69%
HSV	247°, 54%, 95%
XYZ	30.1658, 22.1554, 85.9056
YIQ	130.3050, -32.7900, 43.6100

Conversions

Conversions Part 2

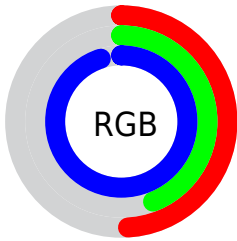
Format	Color
R _Y B	126, 111, 241
Decimal	8286193
CIE Lab	54.19, 38.51, -63.79
CIE LCh	54, 74.510, 301.120
Yxy	22.1554, 0.2182, 0.1603
Android (android.graphics.Color)	4286476273 (0xFF7E6FF1)
YUV	130.3050, 54.5726, -3.7755
Hunter-Lab	47.0695, 32.0251, -75.2603

Details

The RGB color **126, 111, 241** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **226, 241, 111**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **185, 163, 255**, and **65, 63, 184** is the 20% darker color. If you saturate the color by 10%, you get **105, 87, 241**, and if you desaturate by 10%, it is **147, 135, 241**.

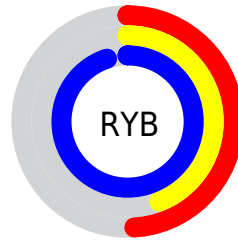
Distribution



Red (49%)

Green (44%)

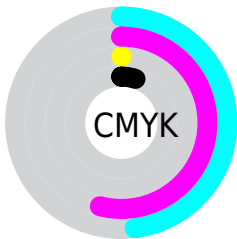
Blue (95%)



Red (49%)

Yellow (44%)

Blue (95%)

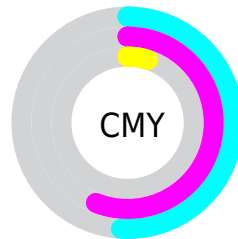


Cyan (48%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (56%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 111, 241 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 126, 111, 241 by changing the saturation by 10% instead.

 126, 111, 241

 126, 111, 241

255, 255, 255

 96, 86, 212


 185, 163, 255

 65, 63, 184


 214, 190, 255

 26, 40, 156

 245, 218, 255

 0, 19, 130

 255, 247, 255

 0, 0, 104

 0, 0, 79

 0, 5, 55

 0, 2, 32


 0, 0, 5

 126, 111, 241

 126, 111, 241


 105, 87, 241


 147, 135, 241

 83, 63, 241

 169, 159, 241

 62, 39, 241

 190, 183, 241

 41, 15, 241

 211, 207, 241

 28, 0, 241

 233, 231, 241

 254, 255, 241

 255, 255, 241

Harmonies

Analogous

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



0, 137, 255



126, 111, 241



207, 75, 193

Triad

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



126, 111, 241



204, 101, 0



0, 157, 130

Complementary

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



126, 111, 241



226, 241, 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, 153, 62



126, 111, 241



154, 128, 0

Square

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



126, 111, 241



235, 67, 67



89, 145, 0



0, 157, 195

Rectangle

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



126, 111, 241



233, 54, 152



89, 145, 0



0, 156, 108

Sweetspot

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



126, 111, 241



219, 214, 255



111, 228, 241



106, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 111, 241



108, 89, 255



189, 111, 241



109, 108, 120



21, 0, 184



6, 0, 56

Inverse Universe

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



241, 111, 226



255, 89, 236



163, 241, 111



120, 108, 118



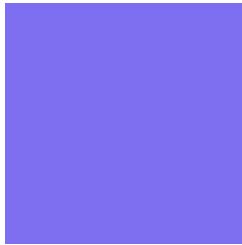
184, 0, 162



56, 0, 50

Previews

White Background



This preview shows how the RGB color 126, 111, 241 looks on a white background.

Color Contrast Check

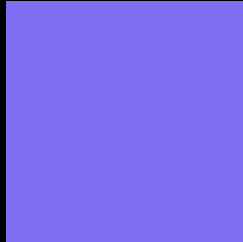
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 111, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

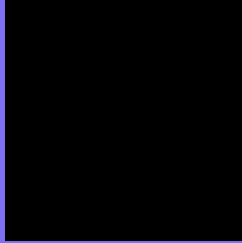
Any Text WCAG AA ✓ Pass

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 126, 111, 241 Background



This preview shows how black text looks on a background with the RGB color 126, 111, 241.



This preview shows how white text looks on a background with the RGB color 126, 111, 241.

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

99, 135, 146

Trichromacy



Original Color

126, 111, 241



Protanomaly

76, 120, 250



Deuteranomaly

46, 124, 236



Tritanomaly

109, 126, 181

Monochromacy



Original Color

126, 111, 241



Achromatopsia

130, 130, 130



Achromatomaly

129, 123, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 111, 241 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(126, 111, 241)` looks like.

```
.text, #text, p{  
    color:rgb(126, 111, 241)  
}
```

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(126, 111, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 111, 241) }
```

Border

The CSS property to change the border of an element to RGB 126, 111, 241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

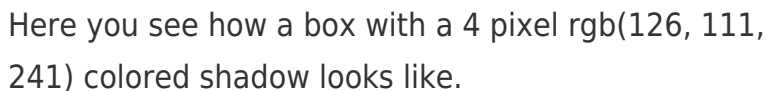
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 111, 241) }
```

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

```
.border{ border-color:rgb(126, 111, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 111, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 111, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 111, 241); box-shadow:4px 4px 4px 4px rgb(126, 111, 241) }
```

Background

The CSS property to change the background color of an element to RGB 126, 111, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 111, 241) }
```

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

```
.background{ background-color: rgb(126,  
111, 241) }
```

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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