

Converting Colors

RGB(96, 0, 231)

Have a look what the booklet for
RGB(96, 0, 231) contains.

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Color

RGB(96, 0, 231)

Conversions

Conversions Part 1

Format	Color
Hex	6000E7
RGB	96, 0, 231
RGB Percent	38%, 0%, 91%
CMY	0.6235, 1.0000, 0.0941
CMYK	0.58, 1.00, 0.00, 0.09
HSL	265°, 100%, 45%
HSV	265°, 100%, 91%
XYZ	19.2477, 8.2563, 76.1805
YIQ	55.0380, -16.9350, 92.1930

Conversions

Conversions Part 2

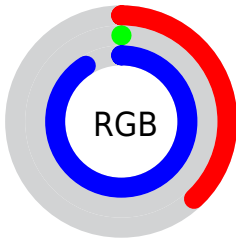
Format	Color
RYB	96, 0, 231
Decimal	6291687
CIELab	34.51, 75.90, -90.46
CIELCh	35, 118.085, 309.996
Yxy	8.2563, 0.1856, 0.0796
Android (android.graphics.Color)	4284481767 (0xFF6000E7)
YUV	55.0380, 86.7493, 35.9237
Hunter-Lab	28.7338, 69.2861, -137.0789

Details

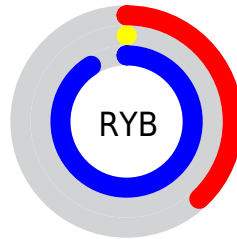
The RGB color **96, 0, 231** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **135, 231, 0**, and the grayscale version is **54, 54, 54**.

A 20% lighter version of the original color is **161, 76, 255**, and **0, 0, 174** is the 20% darker color. If you saturate the color by 10%, you get **96, 0, 231**, and if you desaturate by 10%, it is **110, 23, 231**.

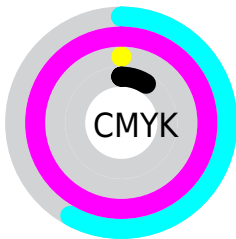
Distribution



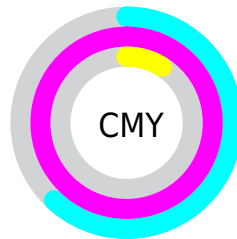
- Red (38%)
- Green (0%)
- Blue (91%)



- Red (38%)
- Yellow (0%)
- Blue (91%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)






















- Cyan (62%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 0, 231 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 96, 0, 231 by changing the saturation by 10% instead.

 96, 0, 231	 96, 0, 231
 255, 255, 255	 58, 0, 202
 161, 76, 255	 0, 0, 174
 193, 104, 255	 0, 0, 146
 224, 132, 255	 0, 0, 119
 255, 160, 255	 0, 7, 93
 255, 189, 255	 0, 8, 68
 255, 218, 255	 0, 3, 45
 255, 247, 255	 0, 1, 24
	 0, 0, 0

■ 96, 0, 231

■ 110, 23, 231

■ 123, 46, 231

■ 137, 69, 231

■ 150, 92, 231

■ 164, 116, 231

■ 177, 139, 231

■ 191, 162, 231

■ 204, 185, 231

■ 218, 208, 231

Harmonies

Analogous

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



0, 90, 255



96, 0, 231



205, 0, 148

Triad

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



96, 0, 231



148, 47, 0



0, 109, 112

Complementary

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



96, 0, 231



135, 231, 0

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, 107, 0



96, 0, 231



70, 88, 0

Square

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



96, 0, 231



203, 0, 0



0, 102, 0



0, 113, 204

Rectangle

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



96, 0, 231



226, 0, 87



0, 102, 0



0, 108, 79

Sweetspot

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



96, 0, 231



210, 179, 255



0, 139, 231



101, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 0, 231



106, 0, 255



208, 0, 231



108, 103, 115



74, 0, 179



21, 0, 51

Inverse Universe

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



231, 0, 135



255, 0, 149



23, 231, 0



115, 103, 110



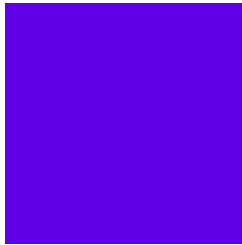
179, 0, 104



51, 0, 30

Previews

White Background



This preview shows how the RGB color 96, 0, 231 looks on a white background.

Color Contrast Check

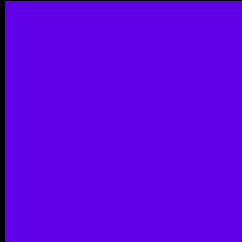
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 96, 0, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

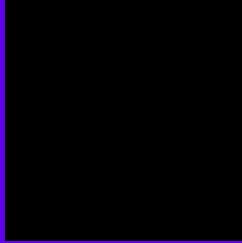
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 96, 0, 231 Background



This preview shows how black text looks on a background with the RGB color 96, 0, 231.

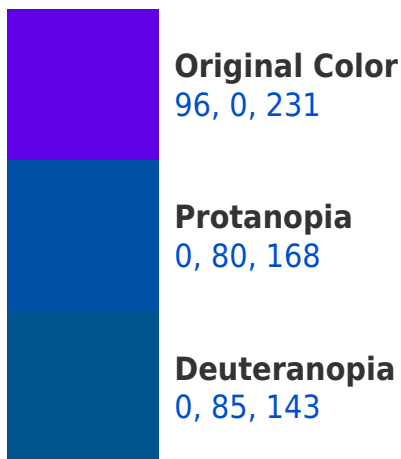


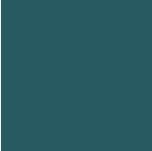
This preview shows how white text looks on a background with the RGB color 96, 0, 231.

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
39, 90, 97

Trichromacy



Original Color

96, 0, 231



Protanomaly

35, 51, 191



Deuteranomaly

35, 54, 175



Tritanomaly

60, 57, 146

Monochromacy



Original Color

96, 0, 231



Achromatopsia

55, 55, 55



Achromatomaly

70, 35, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 0, 231 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(96, 0, 231)` looks like.

```
.text, #text, p{  
    color:rgb(96, 0, 231)  
}
```

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(96, 0, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 231) }
```

Border

The CSS property to change the border of an element to RGB 96, 0, 231 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(96, 0, 231) }
```

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

```
.border{ border-color:rgb(96, 0, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 0, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 231);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 231)  
}
```

Background

The CSS property to change the background color of an element to RGB 96, 0, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 231) }
```

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

```
.background{ background-color: rgb(96, 0,  
231) }
```

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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