

Converting Colors

RGB(131, 96, 235)

Have a look what the booklet for
RGB(131, 96, 235) contains.

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Color

RGB(131, 96, 235)

Conversions

Conversions Part 1

Format	Color
Hex	8360EB
RGB	131, 96, 235
RGB Percent	51%, 38%, 92%
CMY	0.4863, 0.6235, 0.0784
CMYK	0.44, 0.59, 0.00, 0.08
HSL	255°, 78%, 65%
HSV	255°, 59%, 92%
XYZ	28.5383, 19.1892, 80.7970
YIQ	122.3110, -23.7590, 50.6490

Conversions

Conversions Part 2

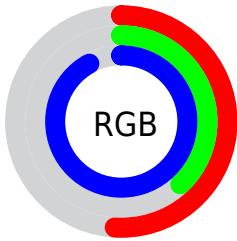
Format	Color
RYB	131, 96, 235
Decimal	8610027
CIELab	50.91, 46.42, -65.71
CIElCh	51, 80.450, 305.236
Yxy	19.1892, 0.2220, 0.1493
Android (android.graphics.Color)	4286800107 (0xFF8360EB)
YUV	122.3110, 55.5557, 7.6203
Hunter-Lab	43.8055, 39.6294, -78.6936

Details

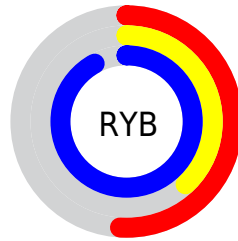
The RGB color **131, 96, 235** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **200, 235, 96**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **190, 148, 255**, and **71, 47, 178** is the 20% darker color. If you saturate the color by 10%, you get **113, 73, 235**, and if you desaturate by 10%, it is **149, 120, 235**.

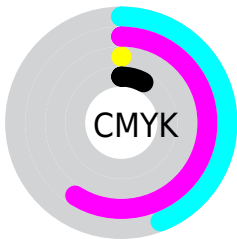
Distribution



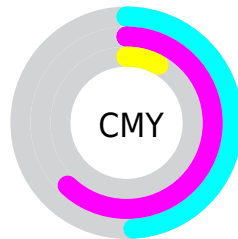
- Red (51%)
- Green (38%)
- Blue (92%)



- Red (51%)
- Yellow (38%)
- Blue (92%)



- Cyan (44%)
- Magenta (59%)
- Yellow (0%)
- Black (8%)





- Cyan (49%)
- Magenta (62%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 96, 235 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 131, 96, 235 by changing the saturation by 10% instead.

 131, 96, 235

 131, 96, 235

255, 255, 255

 102, 71, 206


 190, 148, 255

 71, 47, 178

 219, 175, 255

 36, 23, 151

 249, 203, 255

 0, 0, 124

 255, 231, 255


 0, 0, 98


 0, 3, 73


 0, 4, 50

 0, 1, 28

 0, 0, 0


 131, 96, 235

 131, 96, 235


 113, 73, 235


 149, 120, 235


 96, 49, 235

 166, 143, 235

 78, 25, 235

 184, 166, 235

 61, 2, 235

 201, 190, 235

 59, 0, 235

 219, 214, 235

 236, 237, 235

 254, 255, 235

 255, 255, 235

Harmonies

Analogous

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



0, 127, 255



131, 96, 235



210, 49, 180

Triad

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



131, 96, 235



191, 95, 0



0, 150, 132

Complementary

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



131, 96, 235



200, 235, 96

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, 146, 59



131, 96, 235



137, 123, 0

Square

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



131, 96, 235



228, 52, 46



60, 139, 0



0, 149, 200

Rectangle

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



131, 96, 235



233, 4, 135



60, 139, 0



0, 149, 108

Sweetspot

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



131, 96, 235



221, 209, 255



96, 200, 235



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 96, 235



120, 74, 255



200, 96, 235



109, 106, 117



46, 0, 181



13, 0, 54

Inverse Universe

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



235, 96, 200



255, 74, 209



131, 235, 96



117, 106, 114



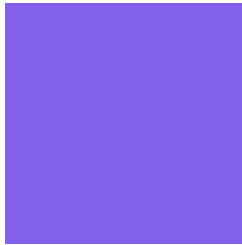
181, 0, 135



54, 0, 40

Previews

White Background



This preview shows how the RGB color 131, 96, 235 looks on a white background.

Color Contrast Check

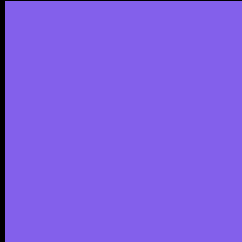
Large Text (above 18pt) WCAG AA ✓ Pass

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 131, 96, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

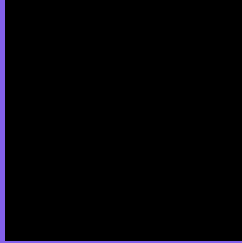
Any Text WCAG AA ✓ Pass

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 131, 96, 235 Background



This preview shows how black text looks on a background with the RGB color 131, 96, 235.

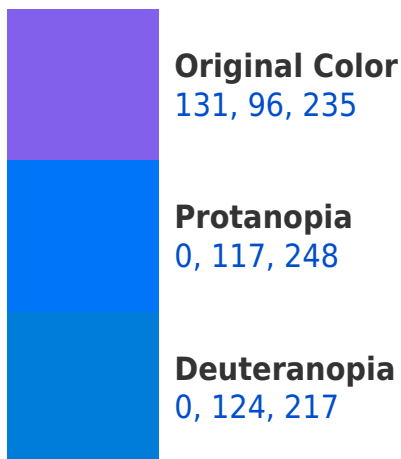


This preview shows how white text looks on a background with the RGB color 131, 96, 235.

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
105, 124, 134

Trichromacy



Original Color

131, 96, 235



Protanomaly

48, 109, 243



Deuteranomaly

48, 114, 224



Tritanomaly

114, 114, 171

Monochromacy



Original Color

131, 96, 235



Achromatopsia

122, 122, 122



Achromatomaly

125, 113, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 96, 235 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(131, 96, 235)` looks like.

```
.text, #text, p{  
  color:rgb(131, 96, 235)  
}
```

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(131, 96, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 96, 235) }
```

Border

The CSS property to change the border of an element to RGB 131, 96, 235 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(131, 96, 235) }
```

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

```
.border{ border-color:rgb(131, 96, 235) }
```

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

Here you see how a box with a 4 pixel rgb(131, 96, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 96, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 96, 235);  
box-shadow:4px 4px 4px 4px rgb(131, 96,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 131, 96, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 96, 235) }
```

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

```
.background{ background-color: rgb(131, 96,  
235) }
```

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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