

Converting Colors

RGB(101, 101, 230)

Have a look what the booklet for
RGB(101, 101, 230) contains.

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Color

RGB(101, 101, 230)

Conversions

Conversions Part 1

Format	Color
Hex	6565E6
RGB	101, 101, 230
RGB Percent	40%, 40%, 90%
CMY	0.6039, 0.6039, 0.0980
CMYK	0.56, 0.56, 0.00, 0.10
HSL	240°, 72%, 65%
HSV	240°, 56%, 90%
XYZ	24.3034, 17.7872, 77.0153
YIQ	115.7060, -41.4090, 40.1190

Conversions

Conversions Part 2

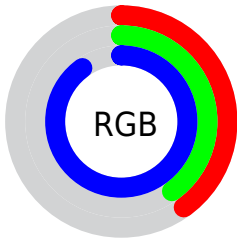
Format	Color
RYB	101, 101, 230
Decimal	6645222
CIELab	49.24, 36.16, -65.72
CIELCh	49, 75.012, 298.821
Yxy	17.7872, 0.2040, 0.1493
Android (android.graphics.Color)	4284835302 (0xFF6565E6)
YUV	115.7060, 56.3469, -12.8972
Hunter-Lab	42.1749, 29.0551, -78.7465

Details

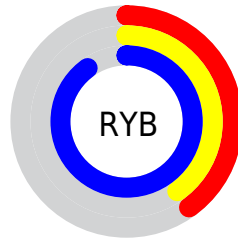
The RGB color `101, 101, 230` is a dark color, and the websafe version is hex `6666FF`. A complement of this color would be `230, 230, 101`, and the grayscale version is `115, 115, 115`.

A 20% lighter version of the original color is `161, 152, 255`, and `28, 54, 173` is the 20% darker color. If you saturate the color by 10%, you get `78, 78, 230`, and if you desaturate by 10%, it is `124, 124, 230`.

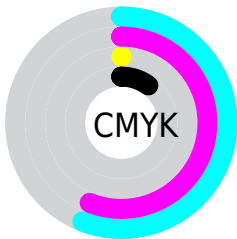
Distribution



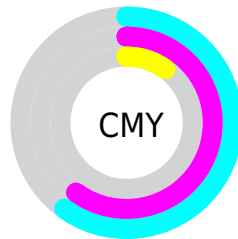
- Red (40%)
- Green (40%)
- Blue (90%)



- Red (40%)
- Yellow (40%)
- Blue (90%)



- Cyan (56%)
- Magenta (56%)
- Yellow (0%)
- Black (10%)




- Cyan (60%)
- Magenta (60%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the RGB color 101, 101, 230 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 101, 101, 230 by changing the saturation by 10% instead.

 101, 101, 230


255, 255, 255

 161, 152, 255

 191, 179, 255

 221, 206, 255

 251, 235, 255

 101, 101, 230

 69, 77, 201

 28, 54, 173

 0, 33, 146

 0, 14, 120


 0, 0, 94


 0, 8, 69

 0, 4, 46


 0, 1, 24

 0, 0, 0

 101, 101, 230

 101, 101, 230


 78, 78, 230

 124, 124, 230

 55, 55, 230

 147, 147, 230

 32, 32, 230

 170, 170, 230

 9, 9, 230

 193, 193, 230

 0, 0, 230

 216, 216, 230

 239, 239, 230

 255, 255, 230

Harmonies

Analogous

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



0, 126, 246



101, 101, 230



189, 63, 184

Triad

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



101, 101, 230



192, 86, 0



0, 143, 113

Complementary

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



101, 101, 230



230, 230, 101

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, 140, 44



101, 101, 230



144, 114, 0

Square

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



101, 101, 230



221, 47, 60



81, 131, 0



0, 144, 177

Rectangle

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



101, 101, 230



216, 34, 144



81, 131, 0



0, 143, 90

Sweetspot

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



101, 101, 230



212, 212, 255



101, 230, 230



102, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



101, 101, 230



84, 84, 255



165, 101, 230



103, 103, 115



0, 0, 179



0, 0, 51

Inverse Universe

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



230, 101, 230



255, 84, 255



165, 230, 101



115, 103, 115



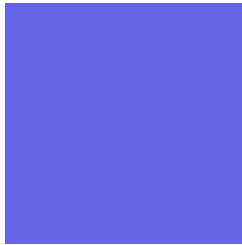
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 101, 101, 230 looks on a white background.

Color Contrast Check

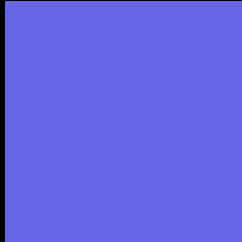
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 101, 101, 230 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 101, 101, 230 Background



This preview shows how black text looks on a background with the RGB color 101, 101, 230.

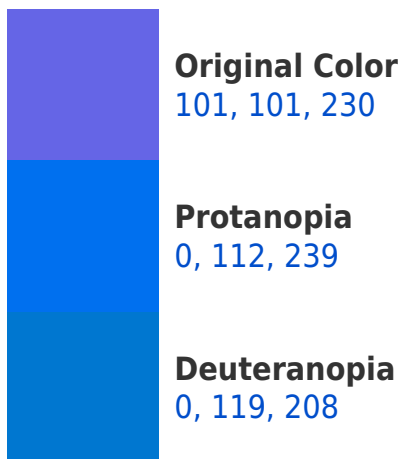


This preview shows how white text looks on a background with the RGB color 101, 101, 230.

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](#).

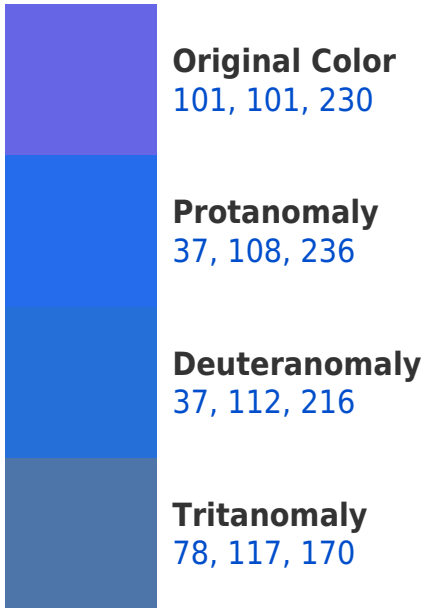
Dichromacy



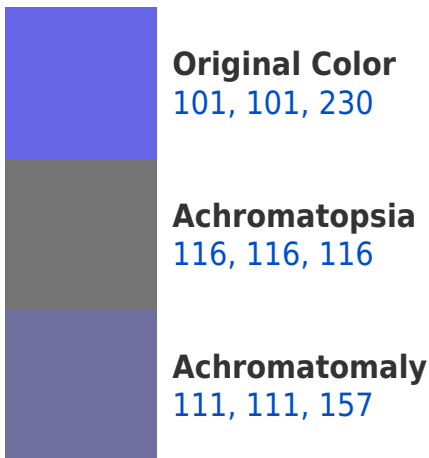


Tritanopia
65, 126, 136

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 101, 230 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(101, 101, 230)` looks like.

```
.text, #text, p{  
    color:rgb(101, 101, 230)  
}
```

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(101, 101, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 101, 230) }
```

Border

The CSS property to change the border of an element to RGB 101, 101, 230 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(101, 101, 230) }
```

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

```
.border{ border-color:rgb(101, 101, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 101, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 101, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 101, 230);  
box-shadow:4px 4px 4px 4px rgb(101, 101,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 101, 101, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 101, 230) }
```

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

```
.background{ background-color: rgb(101,  
101, 230) }
```

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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