

Converting Colors

`RYB(96, 101, 254)`

Have a look what the booklet for
RYB(96, 101, 254) contains.

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Color

RYB(96, 101, 254)

Conversions

Conversions Part 1

Format	Color
Hex	6065FE
RGB	96, 101, 254
RGB Percent	38%, 40%, 100%
CMY	0.6235, 0.6033, 0.0039
CMYK	0.62, 0.60, 0.00, 0.00
HSL	238°, 99%, 69%
HSV	238°, 62%, 100%
XYZ	27.3828, 18.9817, 95.9865
YIQ	116.9470, -52.0930, 46.5230

Conversions

Conversions Part 2

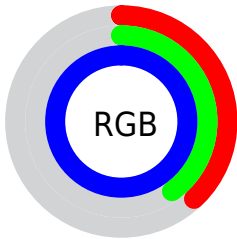
Format	Color
R _Y B	96, 101, 254
Decimal	6317566
CIE Lab	50.67, 42.88, -76.83
CIE LCh	51, 87.984, 299.166
Yxy	18.9817, 0.1924, 0.1333
Android (android.graphics.Color)	4284507646 (0xFF6065FE)
YUV	116.9470, 67.5671, -18.3705
Hunter-Lab	43.5680, 35.9448, -100.1269

Details

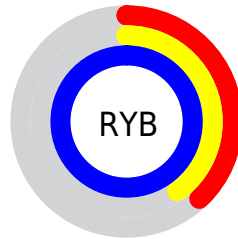
The RYB color **96, 101, 254** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **101, 254, 96**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **160, 152, 255**, and **0, 42, 196** is the 20% darker color. If you saturate the color by 10%, you get **71, 77, 254**, and if you desaturate by 10%, it is **121, 126, 254**.

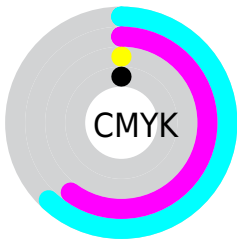
Distribution



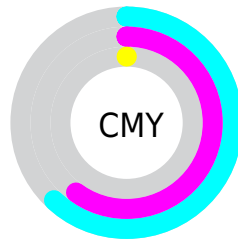
- Red (38%)
- Green (40%)
- Blue (100%)



- Red (38%)
- Yellow (40%)
- Blue (100%)



- Cyan (62%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



















- Cyan (62%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 101, 254 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 RYB color 96, 101, 254 by changing the saturation by 10% instead.

 96, 101, 254	 96, 101, 254
 255, 255, 255	 59, 75, 225
 160, 152, 255	 0, 42, 196
 191, 179, 255	 0, 28, 168
 222, 207, 255	 0, 13, 141
 253, 235, 255	 0, 0, 114
	 0, 10, 89
	 0, 6, 64
	 0, 3, 41
	 0, 1, 19

■ 96, 101, 254

■ 96, 101, 254

■ 71, 77, 254

■ 121, 126, 254

■ 45, 52, 254

■ 147, 150, 254

■ 20, 27, 254

■ 172, 175, 254

■ 0, 8, 254

■ 198, 199, 254

■ 223, 224, 254

■ 248, 249, 254

254, 255, 254

Harmonies

Analogous

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



0, 87, 255



96, 101, 254



205, 46, 199

Triad

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



96, 101, 254



205, 139, 0



0, 85, 150

Complementary

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



96, 101, 254



101, 254, 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, 120, 146



96, 101, 254



41, 149, 0

Square

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



96, 101, 254



240, 8, 53



0, 137, 65



0, 85, 193

Rectangle

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



96, 101, 254



236, 0, 151



0, 137, 65



0, 93, 149

Sweetspot

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



96, 101, 254



207, 208, 255



96, 176, 254



98, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 101, 254



64, 70, 255



170, 96, 254



115, 115, 128



0, 6, 191



0, 2, 64

Inverse Universe

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



254, 96, 101



255, 64, 70



96, 254, 170



128, 115, 115



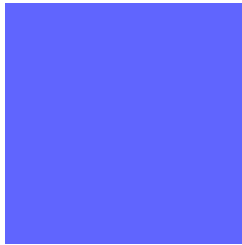
191, 0, 6



64, 0, 2

Previews

White Background



This preview shows how the RYB color 96, 101, 254 looks on a white background.

Color Contrast Check

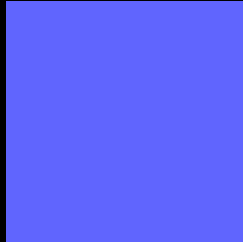
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 96, 101, 254 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](#).

R_YB 96, 101, 254 Background



This preview shows how black text looks on a background with the R_YB color 96, 101, 254.

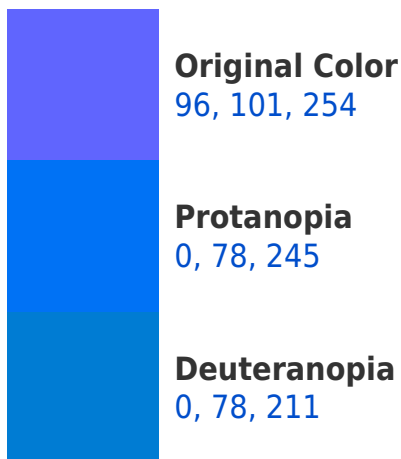


This preview shows how white text looks on a background with the R_YB color 96, 101, 254.

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
35, 86, 143

Trichromacy



Original Color

96, 101, 254



Protanomaly

35, 90, 248



Deuteranomaly

35, 91, 227



Tritanomaly

57, 99, 183

Monochromacy



Original Color

96, 101, 254



Achromatopsia

117, 117, 117



Achromatomaly

109, 111, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 101, 254 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, 101, 254) looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 254)  
}
```

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, 101, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 254) }
```

Border

The CSS property to change the border of an element to RYB 96, 101, 254 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, 101, 254) }
```

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

```
.border{ border-color:rgb(96, 101, 254) }
```

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

Here you see how a box with a 4 pixel rgb(96, 101, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 101, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 101, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 101,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 96, 101, 254 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 254) }
```

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

```
.background{ background-color: rgb(96, 101,  
254) }
```

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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