

Converting Colors

`RYB(118, 121, 255)`

Have a look what the booklet for
RYB(118, 121, 255) contains.

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Color

R_YB(118, 121, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7679FF
RGB	118, 121, 255
RGB Percent	46%, 47%, 100%
CMY	0.5373, 0.5252, 0.0000
CMYK	0.54, 0.53, 0.00, 0.00
HSL	239°, 100%, 73%
HSV	239°, 54%, 100%
XYZ	32.3668, 24.7626, 97.6815
YIQ	135.3790, -44.8020, 41.0380

Conversions

Conversions Part 2

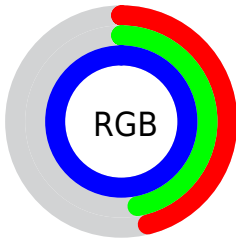
Format	Color
RYB	118, 121, 255
Decimal	7764479
CIELab	56.84, 35.18, -67.30
CIELCh	57, 75.940, 297.597
Yxy	24.7626, 0.2091, 0.1600
Android (android.graphics.Color)	4285954559 (0xFF7679FF)
YUV	135.3790, 58.9732, -15.2414
Hunter-Lab	49.7621, 29.0182, -81.5511

Details

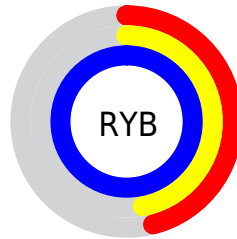
The RYB color **118, 121, 255** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **121, 255, 118**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **178, 173, 255**, and **51, 70, 197** is the 20% darker color. If you saturate the color by 10%, you get **93, 96, 255**, and if you desaturate by 10%, it is **144, 146, 255**.

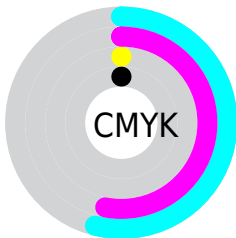
Distribution



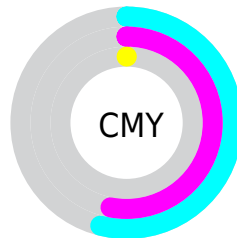
- Red (46%)
- Green (47%)
- Blue (100%)



- Red (46%)
- Yellow (47%)
- Blue (100%)



- Cyan (54%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 121, 255 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 118, 121, 255 by changing the saturation by 10% instead.


 118, 121, 255

255, 255, 255

 178, 173, 255

 209, 201, 255

 239, 229, 255

 118, 121, 255

 87, 95, 226

 51, 70, 197

 0, 39, 169

 0, 25, 142

 0, 10, 116

 0, 0, 90

 0, 6, 66


 0, 3, 43

 0, 1, 21

 118, 121, 255

 118, 121, 255

 93, 96, 255

 144, 146, 255

 67, 71, 255

 169, 171, 255

 42, 46, 255

 195, 196, 255

 16, 21, 255

 220, 221, 255

 0, 6, 255

 246, 246, 255

255, 255, 255

Harmonies

Analogous

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



0, 93, 255



118, 121, 255



209, 86, 208

Triad

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



118, 121, 255



218, 188, 6



0, 93, 165

Complementary

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



118, 121, 255



121, 255, 118

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, 117, 160



118, 121, 255



47, 169, 0

Square

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



118, 121, 255



248, 69, 80



0, 150, 45



0, 90, 196

Rectangle

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



118, 121, 255



239, 63, 167



0, 150, 45



0, 100, 164

Sweetspot

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



118, 121, 255



214, 215, 255



118, 188, 255



103, 104, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 121, 255



92, 95, 255



182, 118, 255



115, 115, 128



0, 4, 191



0, 1, 64

Inverse Universe

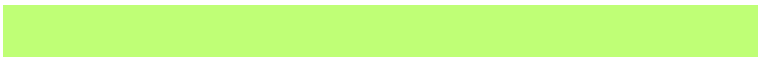
The Inverse Universe completely reimagines the original color for something new.



255, 118, 121



255, 92, 95



118, 255, 182



128, 115, 115



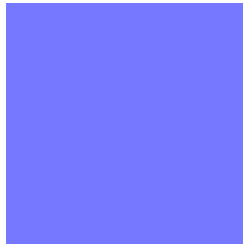
191, 0, 4



64, 0, 1

Previews

White Background



This preview shows how the RYB color 118, 121, 255 looks on a white background.

Color Contrast Check

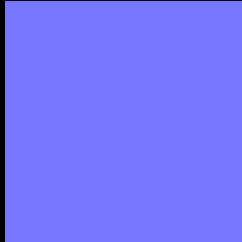
Large Text (above 18pt) WCAG AA ✓ Pass

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 118, 121, 255 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](#).

RYB 118, 121, 255 Background



This preview shows how black text looks on a background with the RYB color 118, 121, 255.

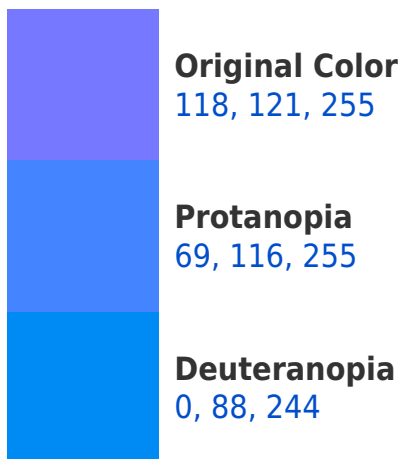


This preview shows how white text looks on a background with the RYB color 118, 121, 255.

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

84, 117, 157

Trichromacy



Original Color
118, 121, 255

Protanomaly
87, 120, 255

Deuteranomaly
43, 105, 248

Tritanomaly
96, 124, 193

Monochromacy



Original Color
118, 121, 255

Achromatopsia
135, 135, 135

Achromatomaly
129, 130, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 121, 255 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(118, 121, 255)` looks like.

```
.text, #text, p{  
  color:rgb(118, 121, 255)  
}
```

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(118, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 255) }
```

Border

The CSS property to change the border of an element to RYB 118, 121, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

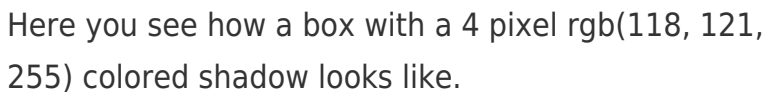
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 121, 255) }
```

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

```
.border{ border-color:rgb(118, 121, 255) }
```

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



Here you see how a box with a 4 pixel rgb(118, 121, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 121,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 118, 121, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 255) }
```

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

```
.background{ background-color: rgb(118,  
121, 255) }
```

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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