

Converting Colors

`RYB(109, 127, 254)`

Have a look what the booklet for
RYB(109, 127, 254) contains.

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Color

`RYB(109, 127, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	6D82FE
RGB	109, 130, 254
RGB Percent	43%, 51%, 100%
CMY	0.5725, 0.4920, 0.0039
CMYK	0.57, 0.49, 0.00, 0.00
HSL	231°, 99%, 71%
HSV	231°, 57%, 100%
XYZ	32.1191, 26.2531, 97.1404
YIQ	137.8570, -52.3200, 34.1120

Conversions

Conversions Part 2

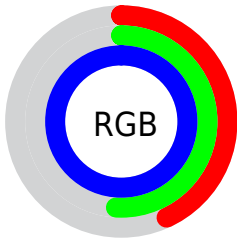
Format	Color
R _Y B	109, 127, 254
Decimal	7176958
CIE Lab	58.28, 28.11, -64.47
CIE LCh	58, 70.333, 293.557
Yxy	26.2531, 0.2065, 0.1688
Android (android.graphics.Color)	4285367038 (0xFF6D82FE)
YUV	137.8570, 57.2585, -25.3076
Hunter-Lab	51.2378, 22.2292, -76.5400

Details

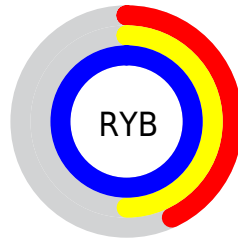
The RYB color **109, 127, 254** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **134, 254, 109**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **170, 181, 255**, and **37, 71, 196** is the 20% darker color. If you saturate the color by 10%, you get **84, 105, 254**, and if you desaturate by 10%, it is **134, 149, 254**.

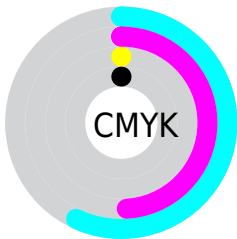
Distribution



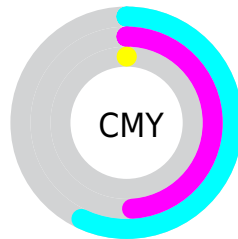
- Red (43%)
- Green (51%)
- Blue (100%)



- Red (43%)
- Yellow (50%)
- Blue (100%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 127, 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 109, 127, 254 by changing the saturation by 10% instead.

 109, 127, 254


255, 255, 255

 170, 181, 255

 200, 208, 255

 230, 236, 255


 109, 127, 254

 76, 100, 225

 36, 71, 196

 0, 43, 169

 0, 30, 142

 0, 16, 115

 0, 0, 90

 0, 6, 65

 0, 3, 42

 0, 1, 20

■ 109, 127, 254

■ 109, 127, 254

■ 84, 105, 254

■ 134, 149, 254

■ 58, 83, 254

■ 160, 171, 254

■ 33, 60, 254

■ 185, 194, 254

■ 7, 38, 254

■ 211, 216, 254

■ 0, 32, 254

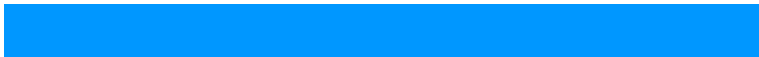
■ 236, 239, 254

254, 255, 254

Harmonies

Analogous

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



0, 95, 255



109, 127, 254



201, 100, 214

Triad

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



109, 127, 254



223, 146, 38



0, 96, 167

Complementary

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



109, 127, 254



134, 254, 109

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.



13, 126, 162



109, 127, 254



62, 179, 0

Square

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



109, 127, 254



247, 79, 95



0, 151, 30



0, 89, 188

Rectangle

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



109, 127, 254



233, 81, 177



0, 151, 30



0, 102, 166

Sweetspot

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



109, 127, 254



212, 217, 255



109, 187, 254



102, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



109, 127, 254



79, 101, 255



160, 109, 254



115, 117, 128



0, 24, 191



0, 8, 64

Inverse Universe

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



254, 109, 130



255, 79, 104



109, 254, 160



128, 115, 117



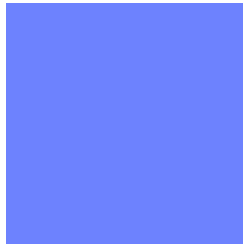
191, 0, 27



64, 0, 9

Previews

White Background



This preview shows how the RYB color 109, 127, 254 looks on a white background.

Color Contrast Check

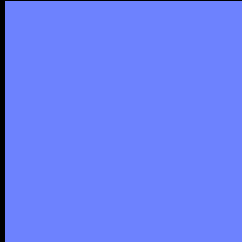
Large Text (above 18pt) WCAG AA ✓ Pass

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 109, 127, 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](#).

RYB 109, 127, 254 Background



This preview shows how black text looks on a background with the RYB color 109, 127, 254.

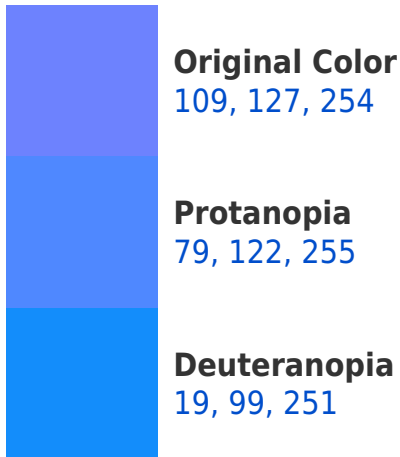



This preview shows how white text looks on a background with the RYB color 109, 127, 254.

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
73, 115, 163

Trichromacy



Original Color
109, 127, 254

Protanomaly
90, 125, 255

Deuteranomaly
52, 112, 252

Tritanomaly
86, 124, 196

Monochromacy



Original Color
109, 127, 254

Achromatopsia
138, 138, 138

Achromatomaly
127, 134, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 127, 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(109, 130, 254)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 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(109, 130, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 254) }
```

Border

The CSS property to change the border of an element to RYB 109, 127, 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(109, 130, 254) }
```

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

```
.border{ border-color:rgb(109, 130, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 130, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 130, 254); box-shadow:4px 4px 4px 4px rgb(109, 130, 254) }
```

Background

The CSS property to change the background color of an element to RYB 109, 127, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 254) }
```

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

```
.background{ background-color: rgb(109,  
130, 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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