

Converting Colors

`RYB(121, 166, 244)`

Have a look what the booklet for
RYB(121, 166, 244) contains.

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Color

R_YB(121, 166, 244)

Conversions

Conversions Part 1

Format	Color
Hex	79C0F4
RGB	121, 192, 244
RGB Percent	47%, 75%, 96%
CMY	0.5255, 0.2472, 0.0431
CMYK	0.50, 0.21, 0.00, 0.04
HSL	205°, 85%, 72%
HSV	205°, 50%, 96%
XYZ	43.0555, 48.2790, 92.6375
YIQ	176.6990, -59.0080, 1.1200

Conversions

Conversions Part 2

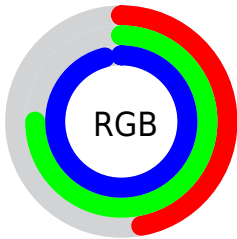
Format	Color
RYB	121, 166, 244
Decimal	7979252
CIELab	75.00, -8.24, -32.62
CIELCh	75, 33.641, 255.818
Yxy	48.2790, 0.2340, 0.2624
Android (android.graphics.Color)	4286169332 (0xFF79C0F4)
YUV	176.6990, 33.1794, -48.8480
Hunter-Lab	69.4831, -10.9871, -30.4095

Details

The RYB color **121, 166, 244** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **244, 211, 121**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **179, 215, 255**, and **60, 109, 188** is the 20% darker color. If you saturate the color by 10%, you get **97, 151, 244**, and if you desaturate by 10%, it is **145, 181, 244**.

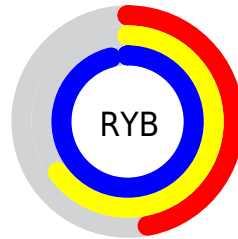
Distribution



Red (47%)

Green (75%)

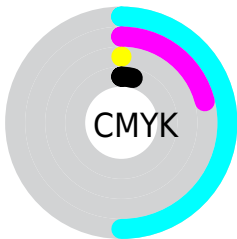
Blue (96%)



Red (47%)

Yellow (65%)

Blue (96%)

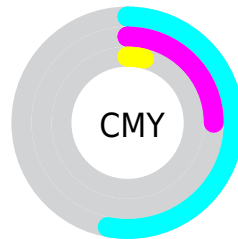


Cyan (50%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (53%)


Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 166, 244 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 121, 166, 244 by changing the saturation by 10% instead.


 121, 166, 244


255, 255, 255

 179, 215, 255

 209, 232, 255

 238, 247, 255

 121, 166, 244

 92, 138, 215


 60, 109, 188

 18, 75, 160

 0, 53, 134

 0, 41, 109

 0, 29, 84

 0, 17, 61

 0, 3, 38

 0, 1, 16

■ 121, 166, 244

■ 121, 166, 244

■ 97, 151, 244

■ 145, 181, 244

■ 72, 135, 244

■ 170, 197, 244

■ 48, 120, 244

■ 194, 212, 244

■ 23, 104, 244

■ 219, 228, 244

■ 0, 89, 244

■ 243, 244, 244

■ 245, 255, 244

■ 244, 255, 244

Harmonies

Analogous

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



85, 148, 228



121, 166, 244



168, 180, 244

Triad

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



121, 166, 244



246, 162, 169



141, 196, 182

Complementary

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



121, 166, 244



244, 211, 121

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.



126, 190, 124



121, 166, 244



240, 177, 142

Square

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



121, 166, 244



236, 163, 201



198, 219, 125



118, 170, 201

Rectangle

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



121, 166, 244



197, 174, 235



198, 219, 125



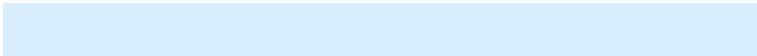
134, 194, 161

Sweetspot

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



121, 166, 244



217, 231, 255



121, 208, 244



105, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 166, 244



102, 158, 255



121, 130, 244



110, 114, 122



0, 68, 186



0, 22, 59

Inverse Universe

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



244, 121, 192



255, 102, 190



132, 244, 121



122, 110, 117



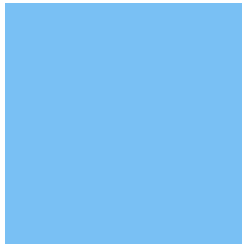
186, 0, 107



59, 0, 34

Previews

White Background



This preview shows how the RYB color 121, 166, 244 looks on a white background.

Color Contrast Check

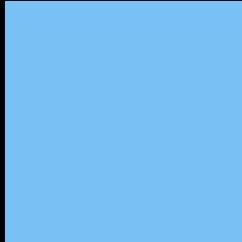
Large Text (above 18pt) WCAG AA × Fail

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 121, 166, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

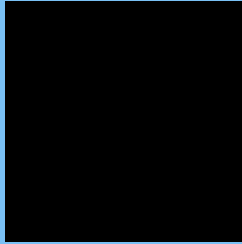
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 121, 166, 244 Background



This preview shows how black text looks on a background with the RYB color 121, 166, 244.



This preview shows how white text looks on a background with the RYB color 121, 166, 244.

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](#).

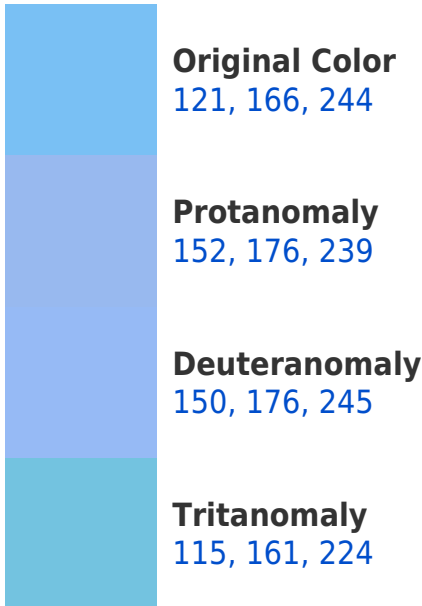
Dichromacy



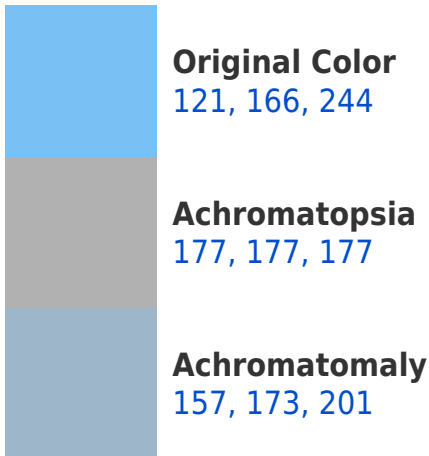


Tritanopia
111, 158, 213

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 166, 244 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(121, 192, 244)` looks like.

```
.text, #text, p{  
    color:rgb(121, 192, 244)  
}
```

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(121, 192, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 192, 244) }
```

Border

The CSS property to change the border of an element to RYB 121, 166, 244 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(121, 192, 244) }
```

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

```
.border{ border-color:rgb(121, 192, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 192, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 192, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 192, 244); box-shadow:4px 4px 4px 4px rgb(121, 192, 244) }
```

Background

The CSS property to change the background color of an element to RYB 121, 166, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 192, 244) }
```

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

```
.background{ background-color: rgb(121,  
192, 244) }
```

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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