

Converting Colors

`RYB(126, 162, 244)`

Have a look what the booklet for
RYB(126, 162, 244) contains.

RYB(126, 162, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(126, 162, 244)`

Conversions

Conversions Part 1

Format	Color
Hex	7EB2F4
RGB	126, 178, 244
RGB Percent	49%, 70%, 96%
CMY	0.5059, 0.3027, 0.0431
CMYK	0.48, 0.27, 0.00, 0.04
HSL	214°, 84%, 73%
HSV	214°, 48%, 96%
XYZ	40.8149, 42.7305, 91.6846
YIQ	169.9760, -52.1780, 9.5020

Conversions

Conversions Part 2

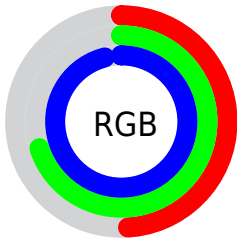
Format	Color
R _Y B	126, 162, 244
Decimal	8303348
CIE Lab	71.37, 0.62, -38.22
CIE LCh	71, 38.225, 270.929
Yxy	42.7305, 0.2329, 0.2439
Android (android.graphics.Color)	4286493428 (0xFF7EB2F4)
YUV	169.9760, 36.4938, -38.5670
Hunter-Lab	65.3685, -2.9428, -37.4010

Details

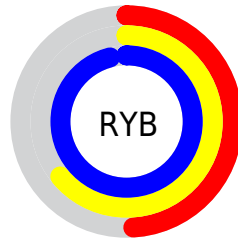
The RYB color **126, 162, 244** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **219, 244, 126**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **184, 213, 255**, and **67, 107, 187** is the 20% darker color. If you saturate the color by 10%, you get **102, 145, 244**, and if you desaturate by 10%, it is **150, 179, 244**.

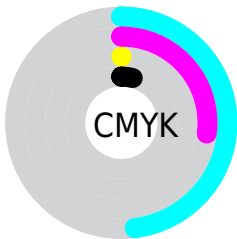
Distribution



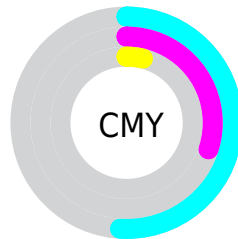
- Red (49%)
- Green (70%)
- Blue (96%)



- Red (49%)
- Yellow (64%)
- Blue (96%)



- Cyan (48%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 162, 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 126, 162, 244 by changing the saturation by 10% instead.

 126, 162, 244


255, 255, 255

 184, 213, 255

 213, 234, 255

 243, 249, 255

 126, 162, 244

 97, 134, 215

 67, 106, 187

 32, 77, 160

 0, 49, 134

 0, 36, 108

 0, 24, 84

 0, 9, 60

 0, 2, 38

 0, 1, 14

■ 126, 162, 244

■ 126, 162, 244

■ 102, 145, 244

■ 150, 179, 244

■ 77, 128, 244

■ 175, 196, 244

■ 53, 111, 244

■ 199, 213, 244

■ 28, 94, 244

■ 224, 230, 244

■ 4, 77, 244

■ 248, 248, 244

■ 0, 74, 244

■ 244, 255, 244

Harmonies

Analogous

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



64, 136, 235



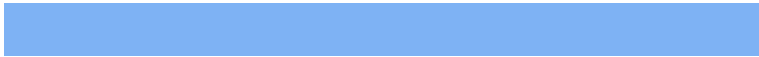
126, 162, 244



180, 165, 235

Triad

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



126, 162, 244



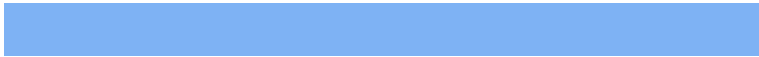
241, 152, 141



119, 174, 190

Complementary

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



126, 162, 244



219, 244, 126

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.



114, 183, 137



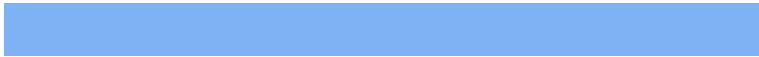
126, 162, 244



225, 194, 115

Square

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



126, 162, 244



240, 148, 175



136, 197, 104



71, 137, 193

Rectangle

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



126, 162, 244



208, 157, 219



136, 197, 104



130, 188, 185

Sweetspot

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



126, 162, 244



217, 229, 255



126, 202, 244



105, 112, 128



0, 0, 0



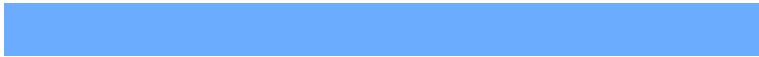
128, 128, 128

Same Dimension

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



126, 162, 244



107, 152, 255



132, 126, 244



110, 114, 122



0, 57, 186



0, 18, 59

Inverse Universe

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



244, 126, 178



255, 107, 172



126, 244, 132



122, 110, 116



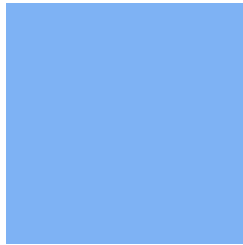
186, 0, 82



59, 0, 26

Previews

White Background



This preview shows how the RYB color 126, 162, 244 looks on a white background.

Color Contrast Check

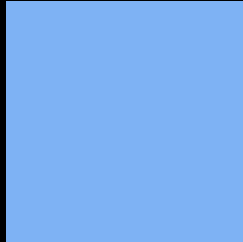
Large Text (above 18pt) WCAG AA × Fail

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 126, 162, 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

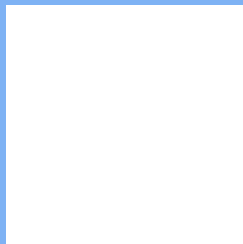
Any Text WCAG AAA ✓ Pass

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

RYB 126, 162, 244 Background



This preview shows how black text looks on a background with the RYB color 126, 162, 244.



This preview shows how white text looks on a background with the RYB color 126, 162, 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](#).

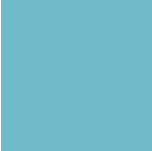
Dichromacy



Original Color
126, 162, 244

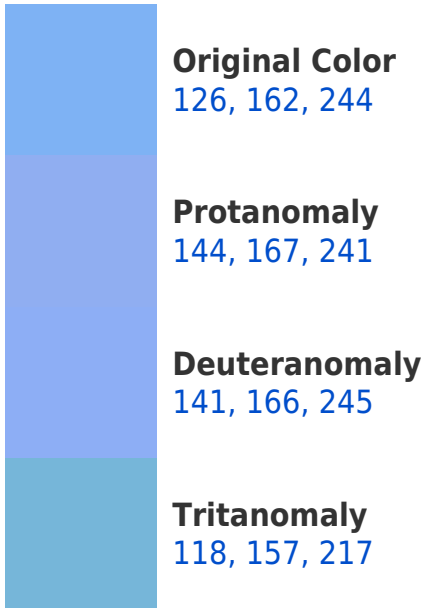
Protanopia
154, 169, 239

Deuteranopia
149, 168, 245

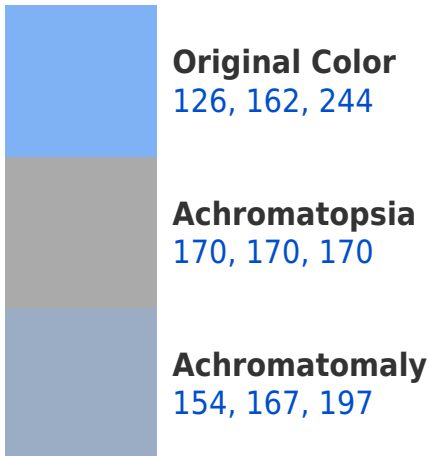


Tritanopia
113, 153, 201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 162, 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(126, 178, 244)` looks like.

```
.text, #text, p{  
    color:rgb(126, 178, 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(126, 178, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 178, 244) }
```

Border

The CSS property to change the border of an element to RYB 126, 162, 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(126, 178, 244) }
```

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

```
.border{ border-color:rgb(126, 178, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 178, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 178, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 178, 244);  
box-shadow:4px 4px 4px 4px rgb(126, 178,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 126, 162, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 178, 244) }
```

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

```
.background{ background-color: rgb(126,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor