

Converting Colors

`RYB(125, 159, 235)`

Have a look what the booklet for
RYB(125, 159, 235) contains.

RYB(125, 159, 235)	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(125, 159, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	7DAEEB
RGB	125, 174, 235
RGB Percent	49%, 68%, 92%
CMY	0.5098, 0.3168, 0.0784
CMYK	0.47, 0.26, 0.00, 0.08
HSL	213°, 73%, 71%
HSV	213°, 47%, 92%
XYZ	38.6296, 40.7116, 84.4194
YIQ	166.3030, -48.7850, 8.5830

Conversions

Conversions Part 2

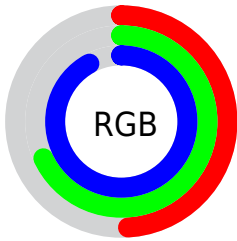
Format	Color
RYB	125, 159, 235
Decimal	8236779
CIELab	69.97, -0.21, -35.50
CIELCh	70, 35.505, 269.662
Yxy	40.7116, 0.2359, 0.2486
Android (android.graphics.Color)	4286426859 (0xFF7DAEEB)
YUV	166.3030, 33.8676, -36.2227
Hunter-Lab	63.8057, -3.5914, -33.7809

Details

The RYB color **125, 159, 235** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **213, 235, 125**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **182, 211, 255**, and **68, 104, 179** is the 20% darker color. If you saturate the color by 10%, you get **102, 143, 235**, and if you desaturate by 10%, it is **148, 175, 235**.

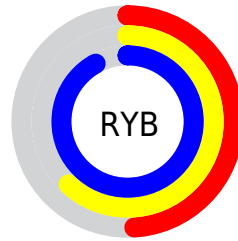
Distribution



Red (49%)

Green (68%)

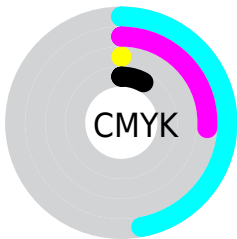
Blue (92%)



Red (49%)

Yellow (62%)

Blue (92%)

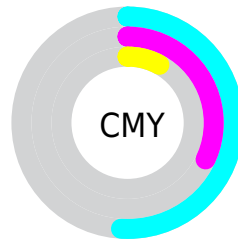


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 159, 235 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 125, 159, 235 by changing the saturation by 10% instead.

 125, 159, 235


255, 255, 255

 182, 211, 255

 211, 233, 255

 241, 248, 255

 125, 159, 235

 97, 132, 207

 68, 104, 179

 34, 75, 152

 0, 47, 126

 0, 34, 101

 0, 22, 76


 0, 5, 53

 0, 2, 31


 0, 0, 2


 125, 159, 235


 125, 159, 235

 102, 143, 235


 148, 175, 235

 78, 126, 235

 172, 191, 235

 54, 110, 235

 195, 207, 235

 31, 94, 235

 219, 224, 235

 7, 77, 235

 243, 243, 235

 0, 73, 235

 239, 255, 235

 235, 255, 235

Harmonies

Analogous

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



73, 137, 226



125, 159, 235



174, 163, 227

Triad

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



125, 159, 235



233, 150, 141



121, 172, 185

Complementary

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



125, 159, 235



213, 235, 125

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, 179, 134



125, 159, 235



219, 187, 116

Square

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



125, 159, 235



231, 146, 173



139, 193, 106



80, 139, 188

Rectangle

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



125, 159, 235



201, 155, 213



139, 193, 106



128, 183, 177

Sweetspot

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



125, 159, 235



219, 230, 255



125, 196, 235



106, 113, 128



0, 0, 0



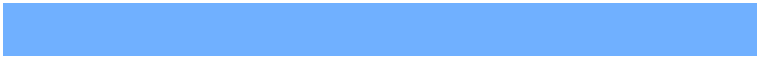
128, 128, 128

Same Dimension

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



125, 159, 235



112, 156, 255



131, 125, 235



106, 109, 117



0, 56, 181



0, 17, 54

Inverse Universe

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



235, 125, 174



255, 112, 176



125, 235, 130



117, 106, 111



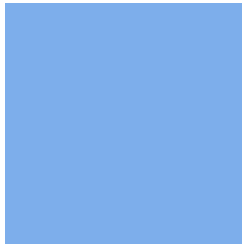
181, 0, 81



54, 0, 24

Previews

White Background



This preview shows how the RYB color 125, 159, 235 looks on a white background.

Color Contrast Check

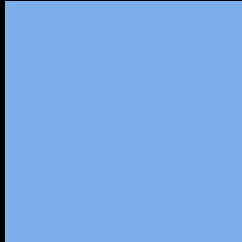
Large Text (above 18pt) WCAG AA × Fail

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 125, 159, 235 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

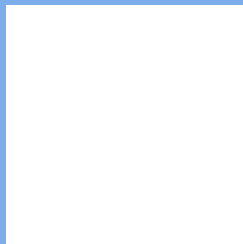
Any Text WCAG AAA ✓ Pass

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

RYB 125, 159, 235 Background



This preview shows how black text looks on a background with the RYB color 125, 159, 235.



This preview shows how white text looks on a background with the RYB color 125, 159, 235.

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](#).

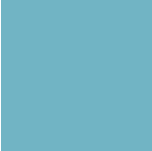
Dichromacy



Original Color
125, 159, 235

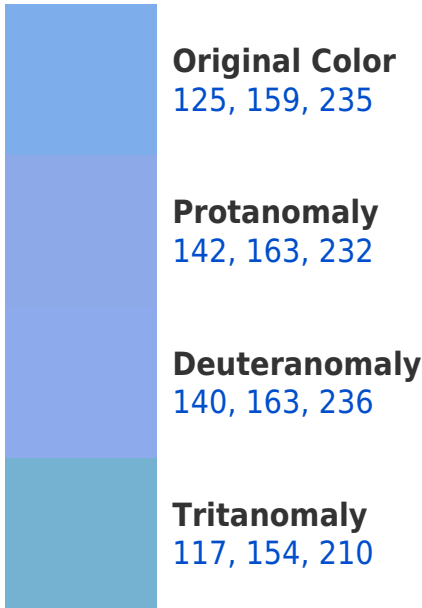
Protanopia
152, 165, 230

Deuteranopia
149, 165, 236

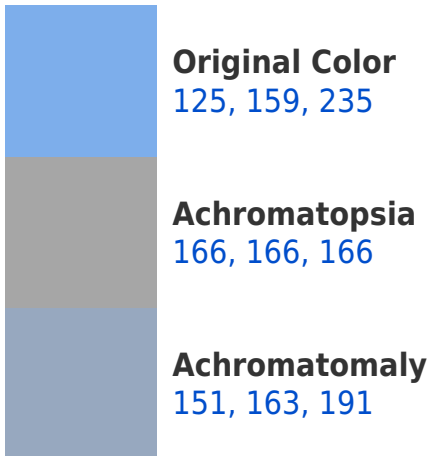


Tritanopia
113, 150, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 159, 235 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(125, 174, 235)` looks like.

```
.text, #text, p{  
    color:rgb(125, 174, 235)  
}
```

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(125, 174, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 174, 235) }
```

Border

The CSS property to change the border of an element to RYB 125, 159, 235 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(125, 174, 235) }
```

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

```
.border{ border-color:rgb(125, 174, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 174, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 174, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 174, 235); box-shadow:4px 4px 4px 4px rgb(125, 174, 235) }
```

Background

The CSS property to change the background color of an element to RYB 125, 159, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 174, 235) }
```

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

```
.background{ background-color: rgb(125,  
174, 235) }
```

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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