

Converting Colors

`RYB(126, 122, 235)`

Have a look what the booklet for
RYB(126, 122, 235) contains.

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Color

`RYB(126, 122, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	7E7AEB
RGB	126, 122, 235
RGB Percent	49%, 48%, 92%
CMY	0.5059, 0.5216, 0.0784
CMYK	0.46, 0.48, 0.00, 0.08
HSL	242°, 74%, 70%
HSV	242°, 48%, 92%
XYZ	30.5591, 24.3528, 81.6872
YIQ	136.0780, -33.8890, 35.9910

Conversions

Conversions Part 2

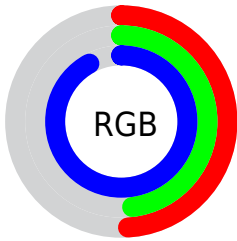
Format	Color
RYB	126, 122, 235
Decimal	8289003
CIELab	56.44, 30.30, -56.84
CIElCh	56, 64.405, 298.060
Yxy	24.3528, 0.2237, 0.1783
Android (android.graphics.Color)	4286479083 (0xFF7E7AEB)
YUV	136.0780, 48.7685, -8.8384
Hunter-Lab	49.3486, 24.1760, -63.5993

Details

The RYB color **126, 122, 235** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **122, 235, 126**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **184, 174, 255**, and **67, 73, 178** is the 20% darker color. If you saturate the color by 10%, you get **103, 98, 235**, and if you desaturate by 10%, it is **149, 146, 235**.

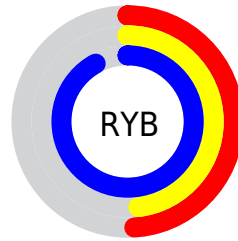
Distribution



Red (49%)

Green (48%)

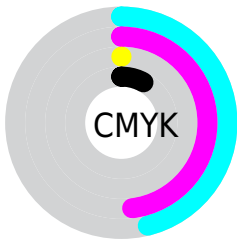
Blue (92%)



Red (49%)

Yellow (48%)

Blue (92%)

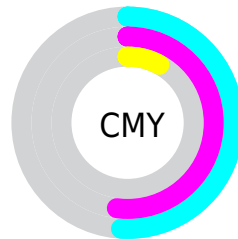


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 122, 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 126, 122, 235 by changing the saturation by 10% instead.

 126, 122, 235

255, 255, 255

 184, 174, 255

 213, 202, 255

 243, 230, 255


 126, 122, 235

 97, 97, 206

 67, 73, 178

 32, 48, 151

 0, 24, 125

 0, 10, 99

 0, 0, 74

 0, 4, 51

 0, 2, 29

 0, 0, 0

■ 126, 122, 235

■ 126, 122, 235

■ 103, 98, 235

■ 149, 146, 235

■ 81, 75, 235

■ 171, 169, 235

■ 58, 52, 235

■ 194, 193, 235

■ 35, 28, 235

■ 217, 216, 235

■ 13, 4, 235

■ 235, 240, 236

■ 8, 0, 235

■ 235, 255, 235

Harmonies

Analogous

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



0, 91, 248



126, 122, 235



199, 95, 196

Triad

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



126, 122, 235



207, 163, 36



0, 89, 161

Complementary

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



126, 122, 235



122, 235, 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.



0, 108, 157



126, 122, 235



41, 165, 0

Square

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



126, 122, 235



232, 85, 86



16, 147, 53



0, 87, 187

Rectangle

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



126, 122, 235



224, 81, 160



16, 147, 53



0, 95, 160

Sweetspot

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



126, 122, 235



221, 219, 255



122, 177, 235



107, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 122, 235



112, 107, 255



182, 122, 235



106, 106, 117



6, 0, 181



2, 0, 54

Inverse Universe

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



235, 122, 231



255, 107, 250



122, 235, 182



117, 106, 117



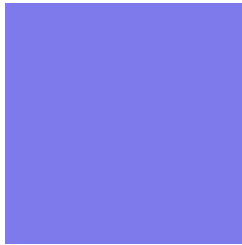
181, 0, 175



54, 0, 52

Previews

White Background



This preview shows how the RYB color 126, 122, 235 looks on a white background.

Color Contrast Check

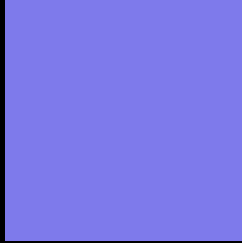
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 122, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

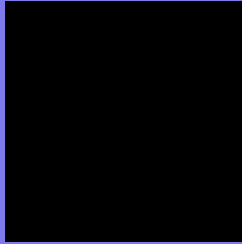
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYP 126, 122, 235 Background



This preview shows how black text looks on a background with the RYB color 126, 122, 235.

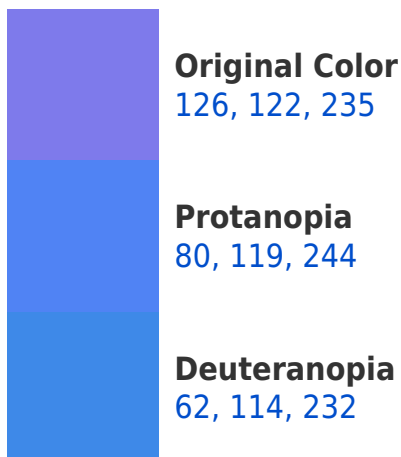


This preview shows how white text looks on a background with the RYB color 126, 122, 235.

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





Tritanopia
103, 125, 153

Trichromacy



Original Color
126, 122, 235

Protanomaly
97, 123, 241

Deuteranomaly
85, 120, 233

Tritanomaly
111, 128, 183

Monochromacy



Original Color
126, 122, 235

Achromatopsia
136, 136, 136

Achromatomaly
132, 131, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 122, 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(126, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(126, 122, 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(126, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 122, 235) }
```

Border

The CSS property to change the border of an element to RYB 126, 122, 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(126, 122, 235) }
```

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

```
.border{ border-color:rgb(126, 122, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(126, 122,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 126, 122, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 122, 235) }
```

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

```
.background{ background-color: rgb(126,  
122, 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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