

Converting Colors

`RYB(123, 152, 212)`

Have a look what the booklet for
RYB(123, 152, 212) contains.

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Color

`RYB(123, 152, 212)`

Conversions

Conversions Part 1

Format	Color
Hex	7BA6D4
RGB	123, 166, 212
RGB Percent	48%, 65%, 83%
CMY	0.5176, 0.3490, 0.1686
CMYK	0.42, 0.22, 0.00, 0.17
HSL	211°, 51%, 66%
HSV	211°, 42%, 83%
XYZ	33.6913, 36.2429, 67.5072
YIQ	158.3870, -40.3940, 5.1900

Conversions

Conversions Part 2

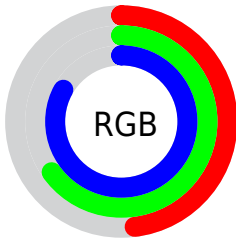
Format	Color
RYB	123, 152, 212
Decimal	8103636
CIELab	66.71, -2.63, -27.95
CIELCh	67, 28.069, 264.626
Yxy	36.2429, 0.2451, 0.2637
Android (android.graphics.Color)	4286293716 (0xFF7BA6D4)
YUV	158.3870, 26.4312, -31.0344
Hunter-Lab	60.2021, -5.4585, -24.3430

Details

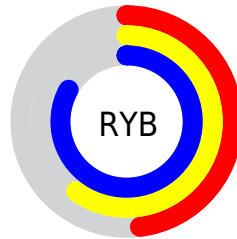
The RYB color **123, 152, 212** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **206, 212, 123**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **179, 206, 255**, and **69, 99, 157** is the 20% darker color. If you saturate the color by 10%, you get **102, 138, 212**, and if you desaturate by 10%, it is **144, 166, 212**.

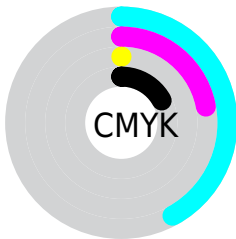
Distribution



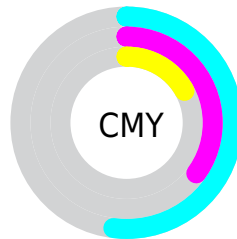
- Red (48%)
- Green (65%)
- Blue (83%)



- Red (48%)
- Yellow (60%)
- Blue (83%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 152, 212 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 123, 152, 212 by changing the saturation by 10% instead.

 123, 152, 212


255, 255, 255

 179, 206, 255

 207, 229, 255

 236, 246, 255

 123, 152, 212


 96, 125, 184

 69, 99, 157

 40, 72, 131

 0, 41, 106

 0, 29, 81

 0, 17, 58

 0, 2, 36

 0, 0, 12

 0, 0, 0

■ 123, 152, 212

■ 123, 152, 212

■ 102, 138, 212

■ 144, 166, 212

■ 81, 124, 212

■ 165, 180, 212

■ 59, 109, 212

■ 187, 195, 212

■ 38, 95, 212

■ 208, 209, 212

■ 17, 80, 212

■ 227, 229, 212

■ 0, 69, 212

■ 246, 250, 212

■ 229, 255, 212

■ 213, 255, 212

■ 212, 255, 212

Harmonies

Analogous

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



92, 139, 203



123, 152, 212



160, 157, 208

Triad

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



123, 152, 212



213, 145, 142



129, 170, 173

Complementary

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



123, 152, 212



206, 212, 123

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.



116, 167, 125



123, 152, 212



204, 167, 122

Square

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



123, 152, 212



209, 144, 168



150, 184, 112



101, 144, 176

Rectangle

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



123, 152, 212



181, 152, 198



150, 184, 112



126, 171, 158

Sweetspot

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



123, 152, 212



222, 233, 255



123, 182, 212



107, 114, 128



0, 0, 0



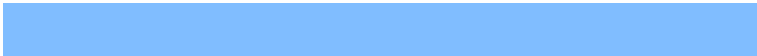
128, 128, 128

Same Dimension

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



123, 152, 212



128, 169, 255



124, 123, 212



96, 100, 107



0, 56, 171



0, 14, 43

Inverse Universe

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



212, 123, 166



255, 128, 189



123, 212, 124



107, 96, 102



171, 0, 83



43, 0, 21

Previews

White Background



This preview shows how the RYB color 123, 152, 212 looks on a white background.

Color Contrast Check

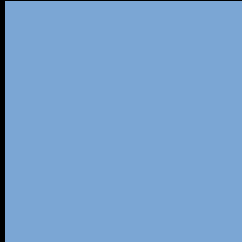
Large Text (above 18pt) WCAG AA × Fail

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 123, 152, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

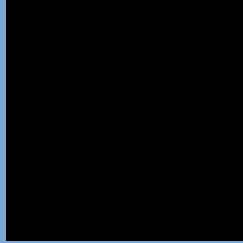
Any Text WCAG AA ✓ Pass

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 123, 152, 212 Background



This preview shows how black text looks on a background with the RYB color 123, 152, 212.



This preview shows how white text looks on a background with the RYB color 123, 152, 212.

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
123, 152, 212

Protanopia
149, 158, 208

Deuteranopia
149, 158, 213



Tritanopia
116, 147, 185

Trichromacy



Original Color
123, 152, 212

Protanomaly
140, 157, 209

Deuteranomaly
140, 157, 213

Tritanomaly
119, 149, 195

Monochromacy



Original Color
123, 152, 212

Achromatopsia
158, 158, 158

Achromatomaly
145, 156, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 152, 212 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(123, 166, 212)` looks like.

```
.text, #text, p{  
    color:rgb(123, 166, 212)  
}
```

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(123, 166, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 166, 212) }
```

Border

The CSS property to change the border of an element to RYB 123, 152, 212 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(123, 166, 212) }
```

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

```
.border{ border-color:rgb(123, 166, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 166, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 166, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 166, 212);  
box-shadow:4px 4px 4px 4px rgb(123, 166,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 123, 152, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 166, 212) }
```

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

```
.background{ background-color: rgb(123,  
166, 212) }
```

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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