

Converting Colors

`RYB(96, 152, 210)`

Have a look what the booklet for
RYB(96, 152, 210) contains.

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Color

RYB(96, 152, 210)

Conversions

Conversions Part 1

Format	Color
Hex	60CED2
RGB	96, 206, 210
RGB Percent	38%, 81%, 82%
CMY	0.6235, 0.1919, 0.1765
CMYK	0.54, 0.02, 0.00, 0.18
HSL	182°, 56%, 60%
HSV	182°, 54%, 82%
XYZ	38.5446, 51.3158, 68.8462
YIQ	173.5660, -66.8440, -22.0760

Conversions

Conversions Part 2

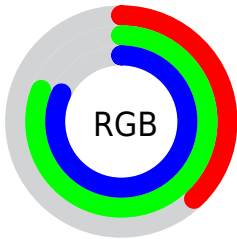
Format	Color
RYB	96, 152, 210
Decimal	6344402
CIELab	76.87, -30.21, -11.54
CIElCh	77, 32.337, 200.908
Yxy	51.3158, 0.2429, 0.3233
Android (android.graphics.Color)	4284534482 (0xFF60CED2)
YUV	173.5660, 17.9620, -68.0254
Hunter-Lab	71.6350, -29.3158, -6.8373

Details

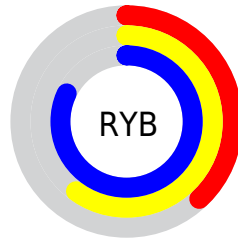
The RYB color **96, 152, 210** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **210, 100, 96**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **156, 206, 255**, and **21, 87, 156** is the 20% darker color. If you saturate the color by 10%, you get **75, 141, 210**, and if you desaturate by 10%, it is **117, 163, 210**.

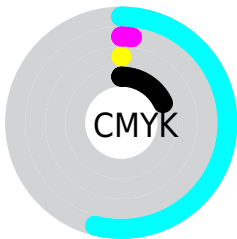
Distribution



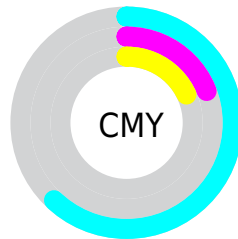
- Red (38%)
- Green (81%)
- Blue (82%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



















- Cyan (62%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 152, 210 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 96, 152, 210 by changing the saturation by 10% instead.

 96, 152, 210	 96, 152, 210
 255, 255, 255	 64, 122, 182
 156, 206, 255	 21, 87, 156
 185, 220, 255	 0, 64, 130
 215, 235, 255	 0, 51, 104
 245, 250, 255	 0, 39, 80
	 0, 27, 57
	 0, 17, 36
	 0, 1, 14
	 0, 0, 0

■ 96, 152, 210

■ 96, 152, 210

■ 75, 141, 210

■ 117, 163, 210

■ 54, 131, 210

■ 138, 173, 210

■ 33, 120, 210

■ 159, 184, 210

■ 12, 109, 210

■ 180, 195, 210

■ 0, 103, 210

■ 201, 206, 210

■ 222, 210, 210

■ 243, 211, 210

■ 255, 212, 210

■ 255, 213, 210

Harmonies

Analogous

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



121, 172, 206



96, 152, 210



101, 159, 235

Triad

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



96, 152, 210



219, 175, 228



186, 219, 131

Complementary

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



96, 152, 210



210, 100, 96

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.



241, 190, 144



96, 152, 210



243, 168, 200

Square

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



96, 152, 210



181, 185, 245



250, 168, 170



133, 194, 138

Rectangle

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



96, 152, 210



123, 170, 246



250, 168, 170



228, 228, 134

Sweetspot

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



96, 152, 210



214, 234, 255



96, 206, 210



103, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 152, 210



89, 170, 255



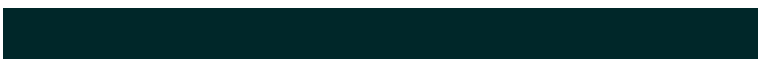
96, 132, 210



94, 99, 105



0, 82, 168



0, 20, 41

Inverse Universe

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



210, 96, 206



255, 89, 249



195, 210, 96



105, 94, 104



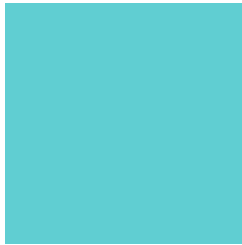
168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RYB color 96, 152, 210 looks on a white background.

Color Contrast Check

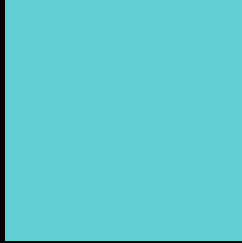
Large Text (above 18pt) WCAG AA × Fail

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 96, 152, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

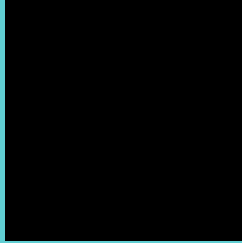
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

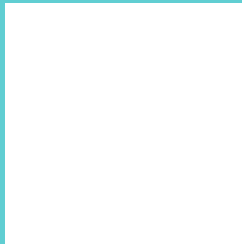
Any Text WCAG AAA ✓ Pass

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

R Y B 96, 152, 210 Background



This preview shows how black text looks on a background with the R Y B color 96, 152, 210.

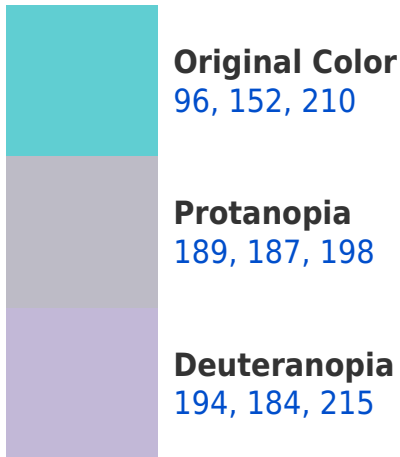


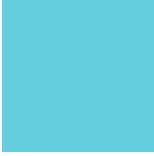
This preview shows how white text looks on a background with the R Y B color 96, 152, 210.

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
100, 156, 221

Trichromacy



Original Color
96, 152, 210



Protanomaly
155, 176, 202



Deuteranomaly
158, 179, 213

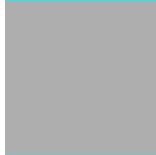


Tritanomaly
99, 155, 217

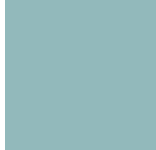
Monochromacy



Original Color
96, 152, 210



Achromatopsia
174, 174, 174



Achromatomaly
146, 166, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 152, 210 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(96, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(96, 206, 210)  
}
```

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(96, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 206, 210) }
```

Border

The CSS property to change the border of an element to RYB 96, 152, 210 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(96, 206, 210) }
```

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

```
.border{ border-color:rgb(96, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(96, 206,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 96, 152, 210 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 206, 210) }
```

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

```
.background{ background-color: rgb(96, 206,  
210) }
```

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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