

Converting Colors

`RYB(126, 163, 203)`

Have a look what the booklet for
RYB(126, 163, 203) contains.

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Color

R_YB(126, 163, 203)

Conversions

Conversions Part 1

Format	Color
Hex	7EC5CB
RGB	126, 197, 203
RGB Percent	49%, 77%, 80%
CMY	0.5059, 0.2266, 0.2039
CMYK	0.38, 0.03, 0.00, 0.20
HSL	184°, 43%, 65%
HSV	184°, 38%, 80%
XYZ	39.4011, 48.7822, 63.8392
YIQ	176.4550, -44.2420, -13.1860

Conversions

Conversions Part 2

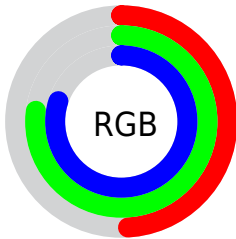
Format	Color
RYB	126, 163, 203
Decimal	8308171
CIELab	75.32, -20.79, -9.95
CIElCh	75, 23.047, 205.585
Yxy	48.7822, 0.2592, 0.3209
Android (android.graphics.Color)	4286498251 (0xFF7EC5CB)
YUV	176.4550, 13.0867, -44.2490
Hunter-Lab	69.8442, -21.5307, -5.3014

Details

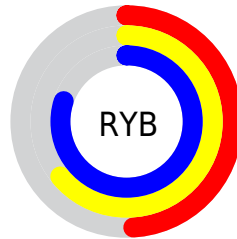
The RYB color **126, 163, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 133, 126**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **182, 218, 255**, and **71, 108, 149** is the 20% darker color. If you saturate the color by 10%, you get **106, 153, 203**, and if you desaturate by 10%, it is **146, 173, 203**.

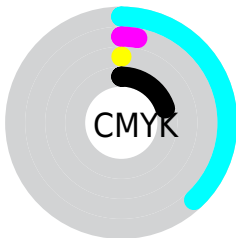
Distribution



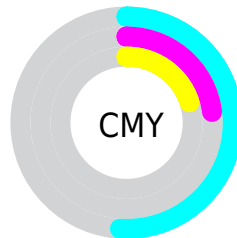
- Red (49%)
- Green (77%)
- Blue (80%)



- Red (49%)
- Yellow (64%)
- Blue (80%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 163, 203 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, 163, 203 by changing the saturation by 10% instead.


 126, 163, 203


255, 255, 255


 182, 218, 255

 210, 233, 255

 240, 248, 255


 126, 163, 203

 99, 136, 176


 71, 108, 149

 43, 81, 123

 2, 49, 98

 0, 36, 74

 0, 24, 52

 0, 14, 31


 0, 0, 5


 0, 0, 0

 126, 163, 203


 126, 163, 203


 106, 153, 203


 146, 173, 203

 85, 142, 203


 167, 184, 203

 65, 131, 203


 187, 195, 203

 45, 121, 203

 207, 203, 203

 25, 111, 203

 228, 205, 203

 4, 100, 203

 248, 206, 203

 0, 98, 203

 255, 209, 203

 255, 210, 203

 255, 212, 203

Harmonies

Analogous

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



137, 172, 197



126, 163, 203



133, 169, 220

Triad

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



126, 163, 203



210, 174, 210



177, 205, 143

Complementary

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



126, 163, 203



203, 133, 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.



222, 190, 151



126, 163, 203



226, 171, 189

Square

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



126, 163, 203



185, 181, 224



229, 171, 168



147, 190, 155

Rectangle

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



126, 163, 203



147, 175, 226



229, 171, 168



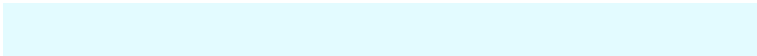
200, 211, 145

Sweetspot

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



126, 163, 203



227, 240, 255



126, 198, 203



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 163, 203



138, 194, 255



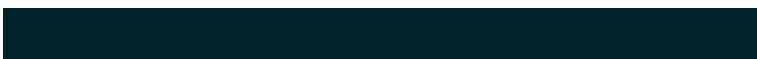
126, 149, 203



92, 97, 102



0, 80, 166



0, 18, 38

Inverse Universe

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



203, 126, 197



255, 138, 246



184, 203, 126



102, 92, 101



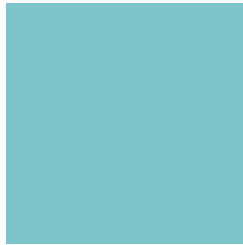
166, 0, 153



38, 0, 35

Previews

White Background



This preview shows how the RYB color 126, 163, 203 looks on a white background.

Color Contrast Check

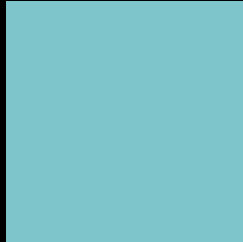
Large Text (above 18pt) WCAG AA × Fail

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, 163, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

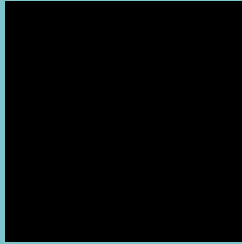
Any Text WCAG AA ✓ Pass

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, 163, 203 Background



This preview shows how black text looks on a background with the RYB color 126, 163, 203.

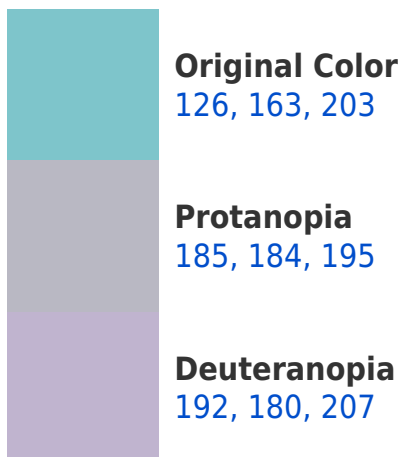


This preview shows how white text looks on a background with the RYB color 126, 163, 203.

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
128, 166, 212

Trichromacy



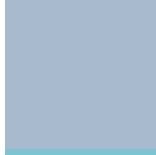
Original Color

126, 163, 203



Protanomaly

164, 178, 198



Deuteranomaly

168, 180, 206



Tritanomaly

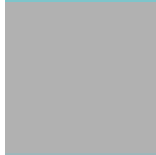
127, 164, 209

Monochromacy



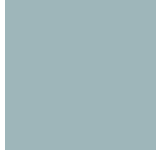
Original Color

126, 163, 203



Achromatopsia

177, 177, 177



Achromatomaly

158, 171, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 163, 203 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, 197, 203)` looks like.

```
.text, #text, p{  
    color:rgb(126, 197, 203)  
}
```

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, 197, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 197, 203) }
```

Border

The CSS property to change the border of an element to RYB 126, 163, 203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

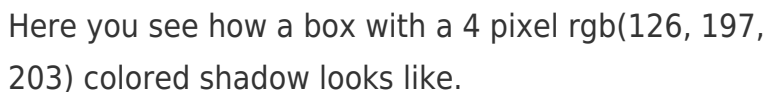
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 197, 203) }
```

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

```
.border{ border-color:rgb(126, 197, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 197, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 197, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 197, 203); box-shadow:4px 4px 4px 4px rgb(126, 197, 203) }
```

Background

The CSS property to change the background color of an element to RYB 126, 163, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 197, 203) }
```

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

```
.background{ background-color: rgb(126,  
197, 203) }
```

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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