

Converting Colors

`RYB(126, 169, 205)`

Have a look what the booklet for
RYB(126, 169, 205) contains.

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Color

`RYB(126, 169, 205)`

Conversions

Conversions Part 1

Format	Color
Hex	7ECDC0
RGB	126, 205, 192
RGB Percent	49%, 80%, 75%
CMY	0.5059, 0.1961, 0.2465
CMYK	0.39, 0.00, 0.06, 0.20
HSL	170°, 44%, 65%
HSV	170°, 39%, 80%
XYZ	39.9654, 51.9102, 57.8635
YIQ	179.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

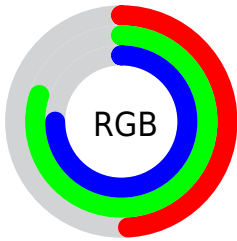
Format	Color
R _{YB}	126, 169, 205
Decimal	8310208
CIE Lab	77.23, -27.25, -1.26
CIE LCh	77, 27.284, 182.652
Yxy	51.9102, 0.2669, 0.3467
Android (android.graphics.Color)	4286500288 (0xFF7ECDC0)
YUV	179.8970, 5.9668, -47.2677
Hunter-Lab	72.0487, -27.0714, 2.8173

Details

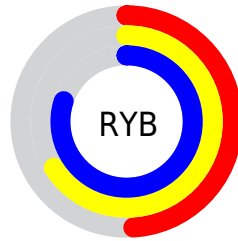
The RYB color **126, 169, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 126, 139**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **182, 220, 255**, and **71, 113, 150** is the 20% darker color. If you saturate the color by 10%, you get **106, 160, 205**, and if you desaturate by 10%, it is **147, 179, 205**.

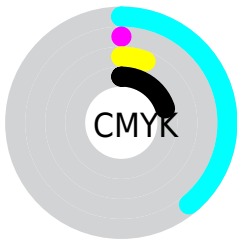
Distribution



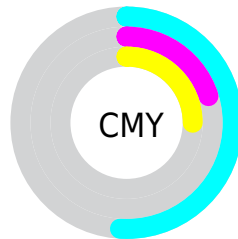
- Red (49%)
- Green (80%)
- Blue (75%)



- Red (49%)
- Yellow (66%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 169, 205 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, 169, 205 by changing the saturation by 10% instead.

 126, 169, 205


255, 255, 255


 182, 220, 255

 210, 233, 255

 240, 248, 255

 126, 169, 205

 99, 141, 177

 71, 113, 150

 43, 86, 124

 2, 53, 99

 0, 40, 75

 0, 28, 52

 0, 19, 32


 0, 0, 0


 126, 169, 205


 126, 169, 205

 106, 160, 205


 147, 179, 205

 85, 150, 205


 167, 188, 205

 65, 141, 205


 187, 197, 205

 44, 132, 205


 208, 205, 205

 24, 123, 205

 228, 205, 209

 3, 113, 205

 249, 205, 212

 0, 111, 205

 255, 205, 216

 255, 205, 219

 255, 205, 222

Harmonies

Analogous

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



151, 191, 203



126, 169, 205



116, 163, 217

Triad

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



126, 169, 205



198, 183, 233



229, 205, 147

Complementary

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



126, 169, 205



205, 126, 139

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, 177, 165



126, 169, 205



225, 176, 214

Square

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



126, 169, 205



163, 184, 241



240, 172, 189



163, 207, 140

Rectangle

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



126, 169, 205



123, 168, 230



240, 172, 189



234, 192, 152

Sweetspot

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



126, 169, 205



224, 241, 255



126, 205, 192



110, 120, 128



0, 0, 0



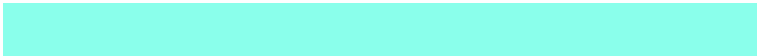
128, 128, 128

Same Dimension

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



126, 169, 205



138, 202, 255



126, 158, 205



92, 98, 102



0, 90, 166



0, 21, 38

Inverse Universe

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



205, 126, 139



255, 138, 157



205, 165, 126



102, 92, 93



166, 0, 27



38, 0, 6

Previews

White Background



This preview shows how the RYB color 126, 169, 205 looks on a white background.

Color Contrast Check

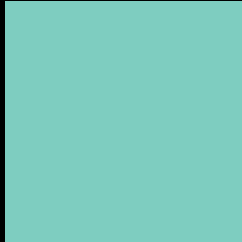
Large Text (above 18pt) WCAG AA × Fail

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, 169, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

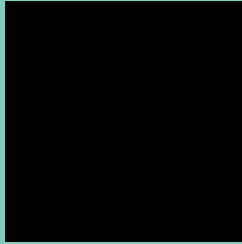
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

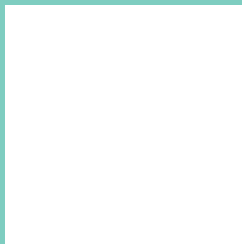
Any Text WCAG AAA ✓ Pass

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

RYB 126, 169, 205 Background



This preview shows how black text looks on a background with the RYB color 126, 169, 205.

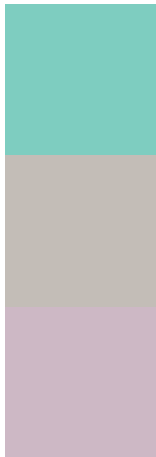


This preview shows how white text looks on a background with the RYB color 126, 169, 205.

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](#).

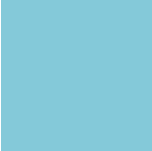
Dichromacy



Original Color
126, 169, 205

Protanopia
195, 195, 183

Deuteranopia
205, 184, 197



Tritanopia
132, 170, 217

Trichromacy



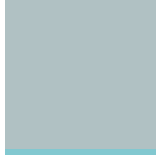
Original Color

126, 169, 205



Protanomaly

170, 185, 195



Deuteranomaly

176, 185, 195



Tritanomaly

130, 167, 208

Monochromacy



Original Color

126, 169, 205



Achromatopsia

180, 180, 180



Achromatomaly

160, 176, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 169, 205 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, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(126, 205, 192)  
}
```

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, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 205, 192) }
```

Border

The CSS property to change the border of an element to RYB 126, 169, 205 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, 205, 192) }
```

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

```
.border{ border-color:rgb(126, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(126, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(126, 205,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 126, 169, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 205, 192) }
```

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

```
.background{ background-color: rgb(126,  
205, 192) }
```

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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