

Converting Colors

`RYB(126, 170, 201)`

Have a look what the booklet for
RYB(126, 170, 201) contains.

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Color

R_YB(126, 170, 201)

Conversions

Conversions Part 1

Format	Color
Hex	7EC9B3
RGB	126, 201, 179
RGB Percent	49%, 79%, 70%
CMY	0.5059, 0.2118, 0.2987
CMYK	0.37, 0.00, 0.11, 0.21
HSL	162°, 41%, 64%
HSV	162°, 37%, 79%
XYZ	37.6114, 49.4571, 50.1274
YIQ	176.0670, -37.6380, -22.7420

Conversions

Conversions Part 2

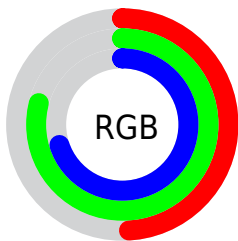
Format	Color
RYB	126, 170, 201
Decimal	8309171
CIELab	75.73, -28.33, 3.73
CIELCh	76, 28.571, 172.494
Yxy	49.4571, 0.2741, 0.3605
Android (android.graphics.Color)	4286499251 (0xFF7EC9B3)
YUV	176.0670, 1.4460, -43.9088
Hunter-Lab	70.3258, -27.6053, 6.9668

Details

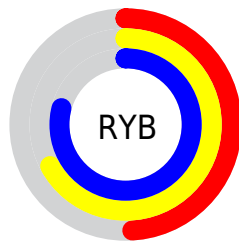
The RYB color **126, 170, 201** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **201, 126, 148**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **181, 224, 255**, and **72, 116, 147** is the 20% darker color. If you saturate the color by 10%, you get **106, 162, 201**, and if you desaturate by 10%, it is **146, 178, 201**.

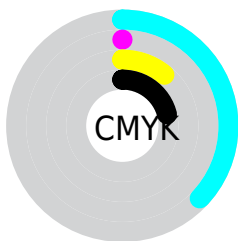
Distribution



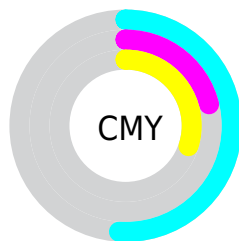
- Red (49%)
- Green (79%)
- Blue (70%)



- Red (49%)
- Yellow (67%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 170, 201 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, 170, 201 by changing the saturation by 10% instead.


 126, 170, 201


255, 255, 255


 181, 224, 255

 210, 233, 255

 239, 247, 255

 126, 170, 201

 99, 142, 173

 72, 116, 147

 45, 89, 121

 10, 58, 95

 0, 40, 71

 0, 28, 48

 0, 21, 29


 0, 0, 0


 126, 170, 201


 126, 170, 201


 106, 162, 201


 146, 178, 201

 86, 153, 201


 166, 186, 201

 66, 145, 201

 186, 195, 201

 46, 137, 201


 206, 201, 203

 26, 129, 201

 227, 201, 209

 5, 120, 201

 247, 201, 214

 0, 118, 201

 255, 201, 220

 255, 201, 226

 255, 201, 232

Harmonies

Analogous

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



154, 198, 197



126, 170, 201



108, 156, 206

Triad

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



126, 170, 201



182, 182, 235



232, 188, 146

Complementary

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



126, 170, 201



201, 126, 148

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.



240, 168, 168



126, 170, 201



214, 173, 219

Square

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



126, 170, 201



144, 175, 238



234, 168, 194



182, 212, 135

Rectangle

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



126, 170, 201



109, 159, 221



234, 168, 194



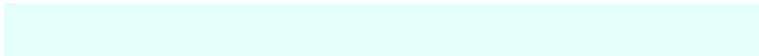
236, 178, 152

Sweetspot

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



126, 170, 201



227, 243, 255



126, 201, 178



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 170, 201



140, 207, 255



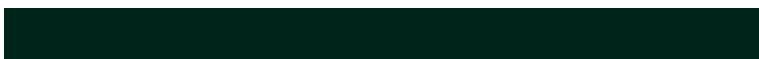
126, 159, 201



90, 95, 99



0, 96, 163



0, 21, 36

Inverse Universe

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



201, 126, 148



255, 140, 174



201, 145, 126



99, 90, 92



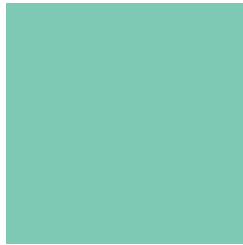
163, 0, 48



36, 0, 11

Previews

White Background



This preview shows how the RYB color 126, 170, 201 looks on a white background.

Color Contrast Check

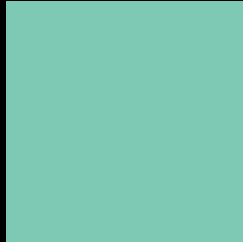
Large Text (above 18pt) WCAG AA × Fail

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, 170, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

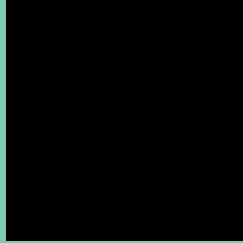
Any Text WCAG AA ✓ Pass

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 126, 170, 201 Background



This preview shows how black text looks on a background with the RYB color 126, 170, 201.

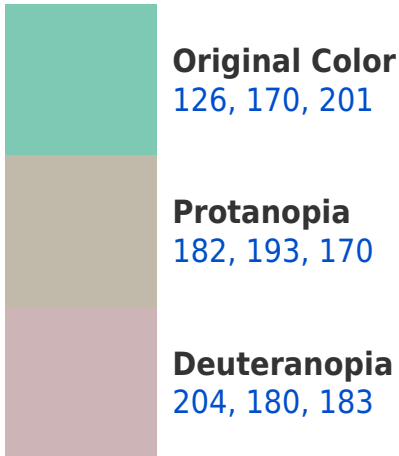


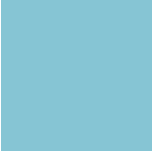
This preview shows how white text looks on a background with the RYB color 126, 170, 201.

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
134, 169, 212

Trichromacy



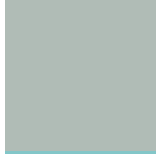
Original Color

126, 170, 201



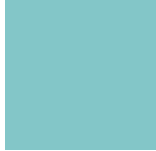
Protanomaly

169, 188, 191



Deuteranomaly

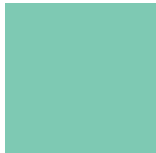
176, 184, 188



Tritanomaly

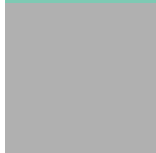
131, 165, 200

Monochromacy



Original Color

126, 170, 201



Achromatopsia

176, 176, 176



Achromatomaly

158, 174, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 170, 201 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, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(126, 201, 179)  
}
```

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, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 201, 179) }
```

Border

The CSS property to change the border of an element to RYB 126, 170, 201 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, 201, 179) }
```

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

```
.border{ border-color:rgb(126, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 201, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 201, 179); box-shadow:4px 4px 4px 4px rgb(126, 201, 179) }
```

Background

The CSS property to change the background color of an element to RYB 126, 170, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 201, 179) }
```

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

```
.background{ background-color: rgb(126,  
201, 179) }
```

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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