

Converting Colors

RGB(96, 178, 170)

Have a look what the booklet for
RGB(96, 178, 170) contains.

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Color

RGB(96, 178, 170)

Conversions

Conversions Part 1

Format	Color
Hex	60B2AA
RGB	96, 178, 170
RGB Percent	38%, 70%, 67%
CMY	0.6235, 0.3020, 0.3333
CMYK	0.46, 0.00, 0.04, 0.30
HSL	174°, 35%, 54%
HSV	174°, 46%, 70%
XYZ	28.0000, 37.2299, 43.7405
YIQ	152.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

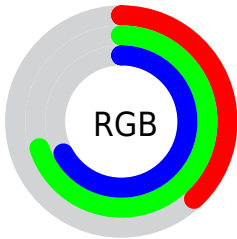
Format	Color
RYB	96, 139, 178
Decimal	6337194
CIELab	67.45, -27.00, -3.69
CIELCh	67, 27.254, 187.791
Yxy	37.2299, 0.2570, 0.3417
Android (android.graphics.Color)	4284527274 (0xFF60B2AA)
YUV	152.5700, 8.5930, -49.6119
Hunter-Lab	61.0163, -24.8660, 0.2084

Details

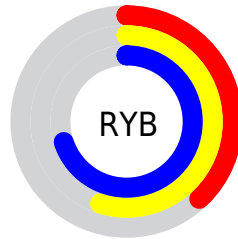
The RGB color **96, 178, 170** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **178, 96, 104**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **151, 234, 225**, and **38, 125, 118** is the 20% darker color. If you saturate the color by 10%, you get **78, 178, 168**, and if you desaturate by 10%, it is **114, 178, 172**.

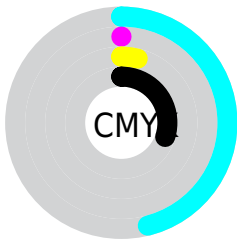
Distribution



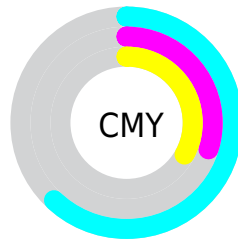
- Red (38%)
- Green (70%)
- Blue (67%)



- Red (38%)
- Yellow (55%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)




- Cyan (62%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 178, 170 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 RGB color 96, 178, 170 by changing the saturation by 10% instead.

 96, 178, 170


255, 255, 255


 151, 234, 225


 180, 255, 254


 208, 255, 255

 238, 255, 255

 96, 178, 170

 68, 151, 144

 38, 125, 118


 0, 100, 93


 0, 75, 70


 0, 52, 48


 0, 32, 27

 0, 0, 0

 96, 178, 170

 78, 178, 168

 96, 178, 170

 114, 178, 172

■ 60, 178, 167

■ 132, 178, 173

■ 43, 178, 165

■ 149, 178, 175

■ 25, 178, 163

■ 167, 178, 177

■ 7, 178, 161

■ 185, 178, 179

■ 0, 178, 161

■ 203, 178, 180

■ 221, 178, 182

■ 238, 178, 184

■ 255, 178, 186

Harmonies

Analogous

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



120, 176, 145



96, 178, 170



89, 176, 193

Triad

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



96, 178, 170



176, 156, 203



198, 156, 119

Complementary

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



96, 178, 170



178, 96, 104

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.



211, 149, 135



96, 178, 170



201, 149, 183

Square

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



96, 178, 170



142, 164, 213



213, 146, 159



175, 165, 115

Rectangle

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



96, 178, 170



99, 174, 205



213, 146, 159



203, 154, 124

Sweetspot

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



96, 178, 170



200, 232, 229



104, 178, 96



97, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



96, 178, 170



104, 232, 220



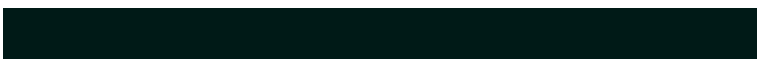
96, 145, 178



80, 89, 88



0, 153, 138



0, 26, 23

Inverse Universe

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



178, 96, 104



232, 104, 117



178, 129, 96



89, 80, 81



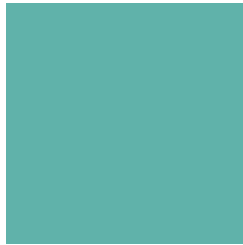
153, 0, 15



26, 0, 2

Previews

White Background



This preview shows how the RGB color 96, 178, 170 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 RGB color 96, 178, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

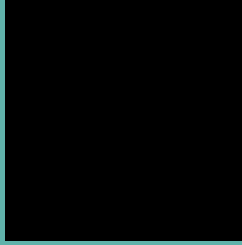
Any Text WCAG AA ✓ Pass

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](#).

RGB 96, 178, 170 Background



This preview shows how black text looks on a background with the RGB color 96, 178, 170.

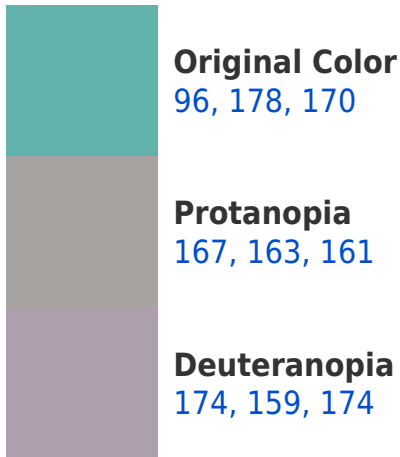


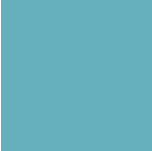
This preview shows how white text looks on a background with the RGB color 96, 178, 170.

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
102, 175, 189

Trichromacy



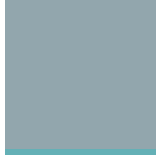
Original Color

96, 178, 170



Protanomaly

141, 168, 164



Deuteranomaly

146, 166, 173



Tritanomaly

100, 176, 182

Monochromacy



Original Color

96, 178, 170



Achromatopsia

153, 153, 153



Achromatomaly

132, 162, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 178, 170 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, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(96, 178, 170)  
}
```

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, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 178, 170) }
```

Border

The CSS property to change the border of an element to RGB 96, 178, 170 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, 178, 170) }
```

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

```
.border{ border-color:rgb(96, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(96, 178,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 96, 178, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 178, 170) }
```

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

```
.background{ background-color: rgb(96, 178,  
170) }
```

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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