

Converting Colors

RGB(126, 195, 174)

Have a look what the booklet for
RGB(126, 195, 174) contains.

RGB(126, 195, 174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(126, 195, 174)

Conversions

Conversions Part 1

Format	Color
Hex	7EC3AE
RGB	126, 195, 174
RGB Percent	49%, 76%, 68%
CMY	0.5059, 0.2353, 0.3176
CMYK	0.35, 0.00, 0.11, 0.24
HSL	162°, 37%, 63%
HSV	162°, 35%, 76%
XYZ	35.7593, 46.5218, 47.1393
YIQ	171.9750, -34.3830, -21.1590

Conversions

Conversions Part 2

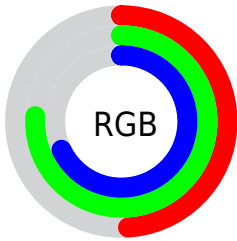
Format	Color
RYB	126, 167, 195
Decimal	8307630
CIELab	73.88, -26.47, 3.67
CIElCh	74, 26.724, 172.105
Yxy	46.5218, 0.2763, 0.3595
Android (android.graphics.Color)	4286497710 (0xFF7EC3AE)
YUV	171.9750, 0.9983, -40.3201
Hunter-Lab	68.2069, -25.7788, 6.7682

Details

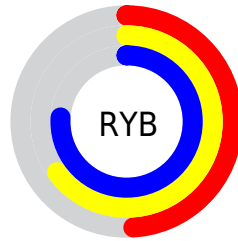
The RGB color **126, 195, 174** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **195, 126, 147**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **181, 252, 229**, and **73, 141, 122** is the 20% darker color. If you saturate the color by 10%, you get **107, 195, 168**, and if you desaturate by 10%, it is **146, 195, 180**.

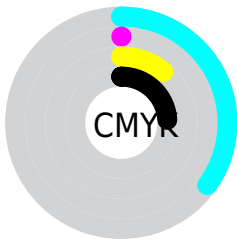
Distribution



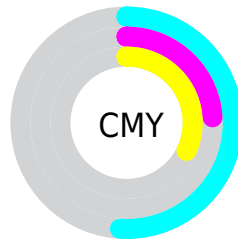
- Red (49%)
- Green (76%)
- Blue (68%)



- Red (49%)
- Yellow (65%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 195, 174 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 126, 195, 174 by changing the saturation by 10% instead.

 126, 195, 174


255, 255, 255


 181, 252, 229


 209, 255, 255

 238, 255, 255

 126, 195, 174

 99, 168, 147

 73, 141, 122

 46, 115, 97

 16, 90, 73

 0, 66, 51


 0, 44, 30

 0, 22, 4


 0, 0, 0

 126, 195, 174


 126, 195, 174

 107, 195, 168


 146, 195, 180

 87, 195, 162


 165, 195, 186

 68, 195, 156

 185, 195, 192

 48, 195, 150

 204, 195, 198

 29, 195, 144

 224, 195, 204

 9, 195, 138

 243, 195, 210

 0, 195, 136

 255, 195, 216

 255, 195, 221

 255, 195, 227

Harmonies

Analogous

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



152, 192, 151



126, 195, 174



110, 195, 199

Triad

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



126, 195, 174



177, 178, 227



224, 170, 144

Complementary

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



126, 195, 174



195, 126, 147

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.



232, 165, 164



126, 195, 174



207, 169, 212

Square

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



126, 195, 174



142, 186, 230



226, 164, 189



206, 178, 133

Rectangle

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



126, 195, 174



111, 193, 214



226, 164, 189



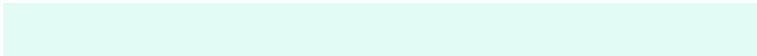
228, 168, 150

Sweetspot

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



126, 195, 174



225, 252, 244



148, 195, 126



111, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



126, 195, 174



146, 252, 220



126, 182, 195



87, 97, 94



0, 161, 112



0, 33, 23

Inverse Universe

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



195, 126, 147



252, 146, 179



195, 139, 126



97, 87, 90



161, 0, 49



33, 0, 10

Previews

White Background



This preview shows how the RGB color 126, 195, 174 looks on a white background.

Color Contrast Check

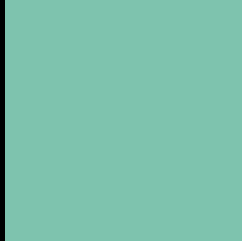
Large Text (above 18pt) WCAG AA × Fail

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 126, 195, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

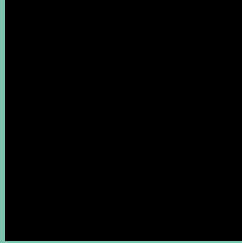
Any Text WCAG AA ✓ Pass

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 126, 195, 174 Background



This preview shows how black text looks on a background with the RGB color 126, 195, 174.

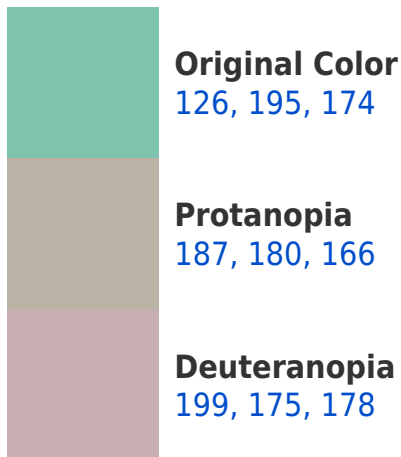


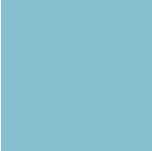
This preview shows how white text looks on a background with the RGB color 126, 195, 174.

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](#).

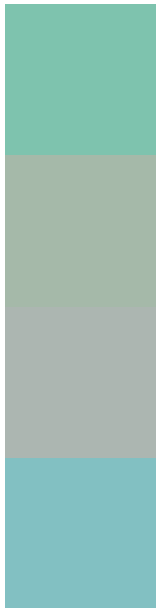
Dichromacy





Tritanopia
133, 190, 206

Trichromacy



Original Color
126, 195, 174

Protanomaly
165, 185, 169

Deuteranomaly
172, 182, 177

Tritanomaly
130, 192, 194

Monochromacy



Original Color
126, 195, 174

Achromatopsia
172, 172, 172

Achromatomaly
155, 180, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 195, 174 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, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(126, 195, 174)  
}
```

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, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 195, 174) }
```

Border

The CSS property to change the border of an element to RGB 126, 195, 174 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, 195, 174) }
```

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

```
.border{ border-color:rgb(126, 195, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 195, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 195, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 195, 174);  
box-shadow:4px 4px 4px 4px rgb(126, 195,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 126, 195, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 195, 174) }
```

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

```
.background{ background-color: rgb(126,  
195, 174) }
```

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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