

# Converting Colors

RGB(126, 200, 177)

Have a look what the booklet for  
RGB(126, 200, 177) contains.

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# **Color**

**RGB(126, 200, 177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC8B1
RGB	126, 200, 177
RGB Percent	49%, 78%, 69%
CMY	0.5059, 0.2157, 0.3059
CMYK	0.37, 0.00, 0.12, 0.22
HSL	161°, 40%, 64%
HSV	161°, 37%, 78%
XYZ	37.1943, 48.9185, 49.0768
YIQ	175.2520, -36.7210, -22.8410

# Conversions

## Conversions Part 2

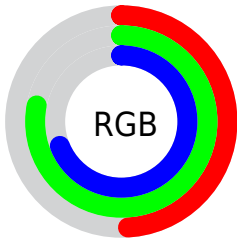
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 170, 200
Decimal	8308913
CIELab	75.40, -28.25, 4.24
CIELCh	75, 28.564, 171.459
Yxy	48.9185, 0.2751, 0.3619
Android (android.graphics.Color)	4286498993 (0xFF7EC8B1)
YUV	175.2520, 0.8618, -43.1940
Hunter-Lab	69.9418, -27.4737, 7.3565

# Details

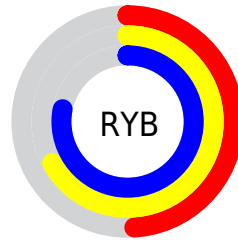
The RGB color **126, 200, 177** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **200, 126, 149**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **181, 255, 233**, and **72, 146, 124** is the 20% darker color. If you saturate the color by 10%, you get **106, 200, 171**, and if you desaturate by 10%, it is **146, 200, 183**.

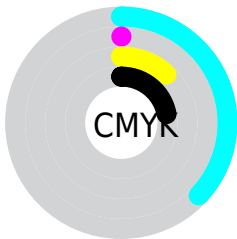
# Distribution



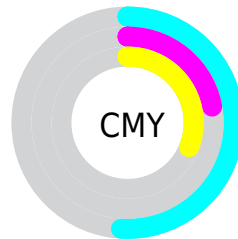
- Red (49%)
- Green (78%)
- Blue (69%)



- Red (49%)
- Yellow (67%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 126, 200, 177 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, 200, 177 by changing the saturation by 10% instead.



 126, 200, 177


255, 255, 255


 181, 255, 233


 210, 255, 255


 239, 255, 255

 126, 200, 177

 99, 172, 150


 72, 146, 124

 45, 120, 100

 11, 95, 76

 0, 70, 53

 0, 47, 32

 0, 28, 8

 0, 0, 0

 126, 200, 177

 126, 200, 177

 106, 200, 171

 146, 200, 183

 86, 200, 165

 166, 200, 189

 66, 200, 158

 186, 200, 196

 46, 200, 152

 206, 200, 202

 26, 200, 146

 226, 200, 208

 6, 200, 140

 246, 200, 214

 0, 200, 138

 255, 200, 221

 255, 200, 227

 255, 200, 233

# Harmonies

## Analogous

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



155, 196, 152



126, 200, 177



107, 200, 204

# Triad

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



126, 200, 177



180, 182, 235



231, 173, 146

# Complementary

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



126, 200, 177



200, 126, 149

# 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.



239, 167, 168



126, 200, 177



212, 173, 219

# Square

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



126, 200, 177



142, 190, 237



233, 167, 194



212, 181, 134

# Rectangle

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



126, 200, 177



108, 198, 220



233, 167, 194



235, 171, 152

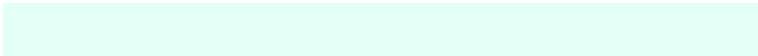


# Sweetspot

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



126, 200, 177



227, 255, 246



149, 200, 126



111, 128, 122



0, 0, 0



128, 128, 128

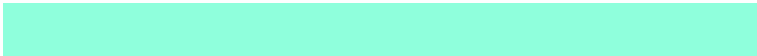


# Same Dimension

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



126, 200, 177



143, 255, 220



126, 186, 200



90, 99, 96



0, 163, 112



0, 36, 25



# Inverse Universe

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



200, 126, 149



255, 143, 178



200, 140, 126



99, 90, 93



163, 0, 51

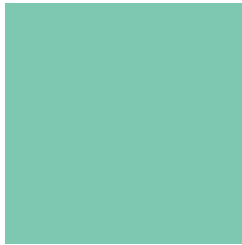


36, 0, 11



# Previews

## White Background



This preview shows how the RGB color 126, 200, 177 looks on a white background.

## Color Contrast Check

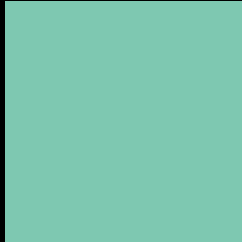
Large Text (above 18pt) WCAG AA × Fail

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, 200, 177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

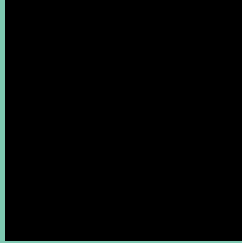
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

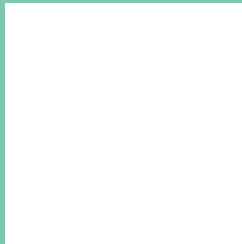
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 126, 200, 177 Background



This preview shows how black text looks on a background with the RGB color 126, 200, 177.

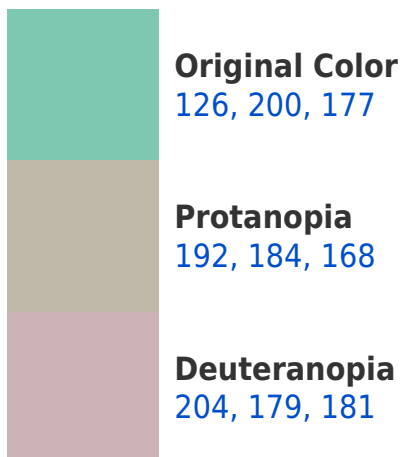


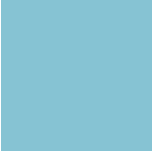
This preview shows how white text looks on a background with the RGB color 126, 200, 177.

# 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, 195, 211

# Trichromacy



**Original Color**

126, 200, 177



**Protanomaly**

168, 190, 171



**Deuteranomaly**

176, 187, 180



**Tritanomaly**

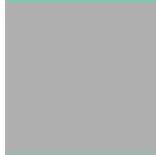
131, 197, 199

# Monochromacy



**Original Color**

126, 200, 177



**Achromatopsia**

175, 175, 175



**Achromatomaly**

157, 184, 176

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 126, 200, 177 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, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 177)  
}
```

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, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 177) }
```

## Border

The CSS property to change the border of an element to RGB 126, 200, 177 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, 200, 177) }
```

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

```
.border{ border-color:rgb(126, 200, 177) }
```

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

Here you see how a box with a 4 pixel rgb(126, 200, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
177) }
```

# Background

The CSS property to change the background color of an element to RGB 126, 200, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 177) }
```

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

```
.background{ background-color: rgb(126,  
200, 177) }
```

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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