

# Converting Colors

RGB(126, 205, 171)

Have a look what the booklet for  
RGB(126, 205, 171) contains.

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# **Color**

**RGB(126, 205, 171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ECDAB
RGB	126, 205, 171
RGB Percent	49%, 80%, 67%
CMY	0.5059, 0.1961, 0.3294
CMYK	0.39, 0.00, 0.17, 0.20
HSL	154°, 44%, 65%
HSV	154°, 39%, 80%
XYZ	37.7862, 51.0385, 46.3880
YIQ	177.5030, -36.1700, -27.3220

# Conversions

## Conversions Part 2

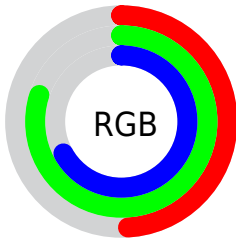
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 176, 205</a>
Decimal	<a href="#">8310187</a>
CIELab	<a href="#">76.70, -31.93, 9.34</a>
CIELCh	<a href="#">77, 33.267, 163.694</a>
Yxy	<a href="#">51.0385, 0.2795, 0.3775</a>
Android (android.graphics.Color)	<a href="#">4286500267 (0xFF7ECDAB)</a>
YUV	<a href="#">177.5030, -3.2060, -45.1681</a>
Hunter-Lab	<a href="#">71.4413, -30.6113, 11.5109</a>

# Details

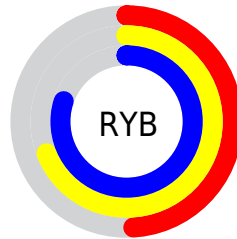
The RGB color **126, 205, 171** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **205, 126, 160**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **181, 255, 226**, and **72, 150, 119** is the 20% darker color. If you saturate the color by 10%, you get **106, 205, 162**, and if you desaturate by 10%, it is **147, 205, 180**.

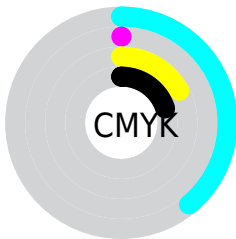
# Distribution



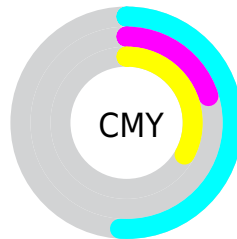
- Red (49%)
- Green (80%)
- Blue (67%)



- Red (49%)
- Yellow (69%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 126, 205, 171 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, 205, 171 by changing the saturation by 10% instead.



 126, 205, 171


255, 255, 255


 181, 255, 226


 210, 255, 255

 239, 255, 255

 126, 205, 171

 99, 177, 144

 72, 150, 119

 44, 124, 94

 8, 99, 70

 0, 74, 48

 0, 51, 27

 0, 31, 0

 0, 0, 0

 126, 205, 171

 126, 205, 171

 106, 205, 162

 147, 205, 180

 85, 205, 153

 167, 205, 189

 65, 205, 145

 187, 205, 197

 44, 205, 136

 208, 205, 206

 24, 205, 127

 228, 205, 215

 3, 205, 118

 249, 205, 224

 0, 205, 117

 255, 205, 233

 255, 205, 242

 255, 205, 250

# Harmonies

## Analogous

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



162, 200, 144



126, 205, 171



96, 206, 203

# Triad

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



126, 205, 171



170, 187, 249



245, 172, 148

# Complementary

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



126, 205, 171



205, 126, 160

# 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.



251, 166, 176



126, 205, 171



211, 176, 234

# Square

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



126, 205, 171



124, 197, 248



239, 168, 207



226, 182, 131

# Rectangle

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



126, 205, 171



88, 205, 222



239, 168, 207



249, 169, 157



# Sweetspot

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



126, 205, 171



224, 255, 242



160, 205, 126



110, 128, 120



0, 0, 0



128, 128, 128



# Same Dimension

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



126, 205, 171



138, 255, 205



126, 200, 205



92, 102, 98



0, 166, 94



0, 38, 22



# Inverse Universe

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



205, 126, 160



255, 138, 188



205, 131, 126



102, 92, 96



166, 0, 71

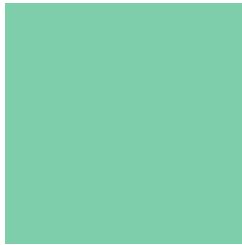


38, 0, 16



# Previews

## White Background



This preview shows how the RGB color 126, 205, 171 looks on a white background.

## Color Contrast Check

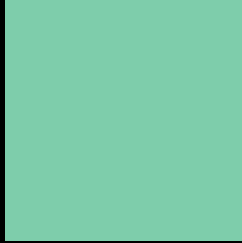
Large Text (above 18pt) WCAG AA × Fail

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, 205, 171 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, 205, 171 Background



This preview shows how black text looks on a background with the RGB color 126, 205, 171.



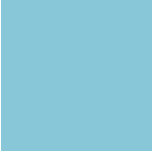
This preview shows how white text looks on a background with the RGB color 126, 205, 171.

# 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**  
136, 199, 215

# Trichromacy



**Original Color**

126, 205, 171



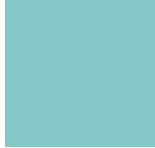
**Protanomaly**

172, 194, 165



**Deuteranomaly**

180, 190, 174



**Tritanomaly**

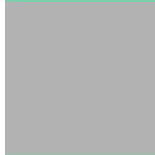
132, 201, 199

# Monochromacy



**Original Color**

126, 205, 171



**Achromatopsia**

178, 178, 178



**Achromatomaly**

159, 188, 175

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 126, 205, 171 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 205, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 205, 171) }
```

## Border

The CSS property to change the border of an element to RGB 126, 205, 171 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, 171) }
```

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

```
.border{ border-color:rgb(126, 205, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 205, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 205, 171); box-shadow:4px 4px 4px 4px rgb(126, 205, 171) }
```

# Background

The CSS property to change the background color of an element to RGB 126, 205, 171 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, 171) }
```

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

```
.background{ background-color: rgb(126,  
205, 171) }
```

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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