

# Converting Colors

RGB(110, 186, 151)

Have a look what the booklet for  
RGB(110, 186, 151) contains.

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# **Color**

**RGB(110, 186, 151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EBA97
RGB	110, 186, 151
RGB Percent	43%, 73%, 59%
CMY	0.5686, 0.2706, 0.4078
CMYK	0.41, 0.00, 0.19, 0.27
HSL	152°, 36%, 58%
HSV	152°, 41%, 73%
XYZ	29.5752, 40.6672, 35.5689
YIQ	159.2860, -34.0610, -26.9970

# Conversions

## Conversions Part 2

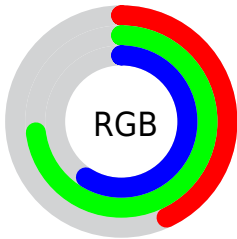
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 159, 186
Decimal	7256727
CIELab	69.94, -31.62, 10.43
CIELCh	70, 33.299, 161.739
Yxy	40.6672, 0.2795, 0.3843
Android (android.graphics.Color)	4285446807 (0xFF6EBA97)
YUV	159.2860, -4.0850, -43.2238
Hunter-Lab	63.7708, -28.8153, 11.5699

# Details

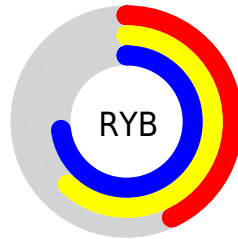
The RGB color **110, 186, 151** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **186, 110, 145**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **165, 243, 205**, and **56, 132, 100** is the 20% darker color. If you saturate the color by 10%, you get **91, 186, 142**, and if you desaturate by 10%, it is **129, 186, 160**.

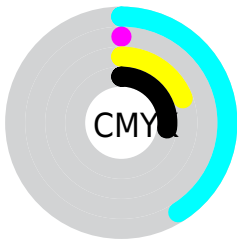
# Distribution



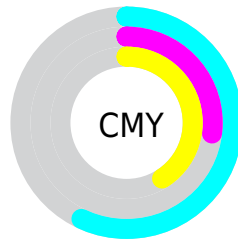
- Red (43%)
- Green (73%)
- Blue (59%)



- Red (43%)
- Yellow (62%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)




- Cyan (57%)
- Magenta (27%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 110, 186, 151 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 110, 186, 151 by changing the saturation by 10% instead.



 110, 186, 151


255, 255, 255


 165, 243, 205


 193, 255, 233


 221, 255, 255


 251, 255, 255

 110, 186, 151

 83, 159, 125

 56, 132, 100

 27, 107, 76


 0, 82, 53


 0, 58, 32

 0, 37, 9


 0, 0, 0

 110, 186, 151


 91, 186, 142

 110, 186, 151


 129, 186, 160

 73, 186, 134


 147, 186, 168

 54, 186, 125


 166, 186, 177


 36, 186, 117


 184, 186, 185

 17, 186, 108

 203, 186, 194

 0, 186, 100

 222, 186, 202

 240, 186, 211

 255, 186, 220

 255, 186, 228

# Harmonies

## Analogous

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



146, 181, 125



110, 186, 151



76, 187, 182

# Triad

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



110, 186, 151



148, 170, 230



226, 153, 132

# Complementary

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



110, 186, 151



186, 110, 145

# 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.



231, 148, 160



110, 186, 151



190, 159, 216

# Square

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



110, 186, 151



101, 179, 228



219, 150, 191



208, 163, 114

# Rectangle

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



110, 186, 151



65, 186, 202



219, 150, 191



229, 151, 141



# Sweetspot

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



110, 186, 151



213, 242, 229



145, 186, 110



105, 122, 115



250, 250, 250



122, 122, 122



# Same Dimension

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



110, 186, 151



124, 242, 188



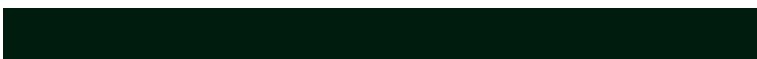
110, 183, 186



83, 92, 88



0, 156, 84



0, 28, 15



# Inverse Universe

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



186, 110, 145



242, 124, 178



186, 113, 110



92, 83, 87



156, 0, 72



28, 0, 13



# Previews

## White Background



This preview shows how the RGB color 110, 186, 151 looks on a white background.

## Color Contrast Check

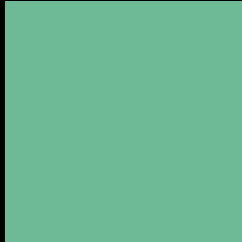
Large Text (above 18pt) WCAG AA × Fail

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 110, 186, 151 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

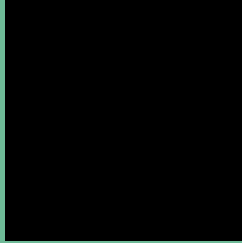
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 110, 186, 151 Background



This preview shows how black text looks on a background with the RGB color 110, 186, 151.

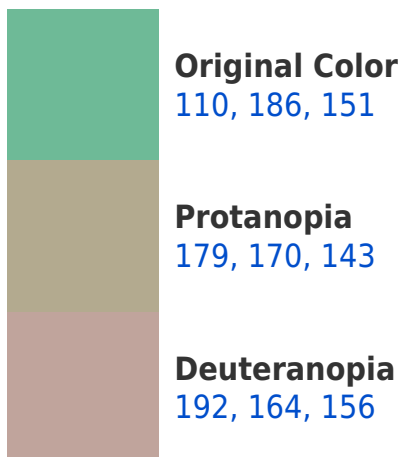


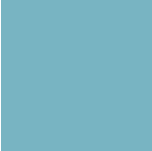
This preview shows how white text looks on a background with the RGB color 110, 186, 151.

# 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**  
120, 180, 194

# Trichromacy



**Original Color**

110, 186, 151



**Protanomaly**

154, 176, 146



**Deuteranomaly**

162, 172, 154



**Tritanomaly**

116, 182, 178

# Monochromacy



**Original Color**

110, 186, 151



**Achromatopsia**

159, 159, 159



**Achromatomaly**

141, 169, 156

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 110, 186, 151 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(110, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 151)  
}
```

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(110, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 151) }
```

## Border

The CSS property to change the border of an element to RGB 110, 186, 151 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(110, 186, 151) }
```

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

```
.border{ border-color:rgb(110, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(110, 186,  
151) }
```

# Background

The CSS property to change the background color of an element to RGB 110, 186, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 186, 151) }
```

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

```
.background{ background-color: rgb(110,  
186, 151) }
```

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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