

# Converting Colors

RGB(125, 174, 166)

Have a look what the booklet for  
RGB(125, 174, 166) contains.

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# **Color**

**RGB(125, 174, 166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DAEA6
RGB	125, 174, 166
RGB Percent	49%, 68%, 65%
CMY	0.5098, 0.3176, 0.3490
CMYK	0.28, 0.00, 0.05, 0.32
HSL	170°, 23%, 59%
HSV	170°, 28%, 68%
XYZ	30.4764, 37.3853, 41.6862
YIQ	158.4370, -26.6360, -12.8760

# Conversions

## Conversions Part 2

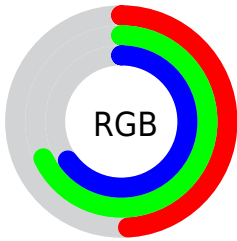
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 152, 174</a>
Decimal	<a href="#">8236710</a>
CIELab	<a href="#">67.57, -17.97, -1.15</a>
CIELCh	<a href="#">68, 18.006, 183.653</a>
Yxy	<a href="#">37.3853, 0.2782, 0.3413</a>
Android (android.graphics.Color)	<a href="#">4286426790 (0xFF7DAEA6)</a>
YUV	<a href="#">158.4370, 3.7286, -29.3242</a>
Hunter-Lab	<a href="#">61.1435, -18.0293, 2.3779</a>

# Details

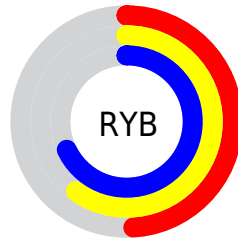
The RGB color **125, 174, 166** is a light color, and the websafe version is hex **669999**. A complement of this color would be **174, 125, 133**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **179, 230, 221**, and **74, 121, 114** is the 20% darker color. If you saturate the color by 10%, you get **108, 174, 163**, and if you desaturate by 10%, it is **142, 174, 169**.

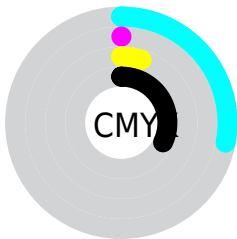
# Distribution



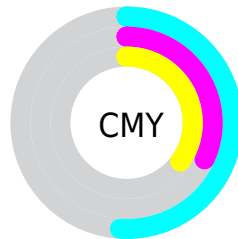
- Red (49%)
- Green (68%)
- Blue (65%)



- Red (49%)
- Yellow (60%)
- Blue (68%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 125, 174, 166 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 125, 174, 166 by changing the saturation by 10% instead.



 125, 174, 166


255, 255, 255


 179, 230, 221

 207, 255, 250


 235, 255, 255

 125, 174, 166

 99, 147, 140

 74, 121, 114

 49, 96, 90


 24, 73, 66

 0, 50, 44


 0, 30, 24


 0, 0, 0


 125, 174, 166


 108, 174, 163

 125, 174, 166


 142, 174, 169

 90, 174, 160


 160, 174, 172

 73, 174, 157


 177, 174, 175


 55, 174, 155

 195, 174, 177

 38, 174, 152

 212, 174, 180

 21, 174, 149

 229, 174, 183

 3, 174, 146

 247, 174, 186

 0, 174, 146

 255, 174, 189

 255, 174, 192

# Harmonies

## Analogous

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



139, 173, 150



125, 174, 166



121, 173, 182

# Triad

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



125, 174, 166



170, 160, 192



190, 159, 136

# Complementary

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



125, 174, 166



174, 125, 133

# 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.



198, 155, 147



125, 174, 166



188, 155, 179

# Square

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



125, 174, 166



149, 165, 197



197, 153, 163



175, 164, 132

# Rectangle

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



125, 174, 166



125, 171, 190



197, 153, 163



193, 157, 139



# Sweetspot

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



125, 174, 166



209, 227, 224



133, 174, 125



103, 115, 113



242, 242, 242



115, 115, 115



# Same Dimension

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



125, 174, 166



150, 227, 214



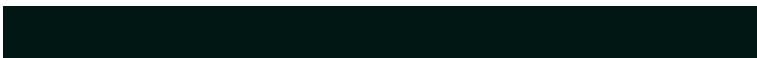
125, 158, 174



78, 87, 85



0, 150, 126



0, 23, 19



# Inverse Universe

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



174, 125, 133



227, 150, 162



174, 141, 125



87, 78, 79



150, 0, 25



23, 0, 4



# Previews

## White Background



This preview shows how the RGB color 125, 174, 166 looks on a white background.

## Color Contrast Check

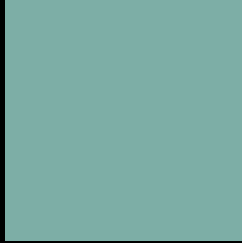
Large Text (above 18pt) WCAG AA × Fail

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 125, 174, 166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

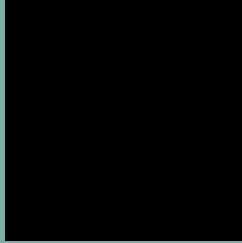
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 125, 174, 166 Background



This preview shows how black text looks on a background with the RGB color 125, 174, 166.

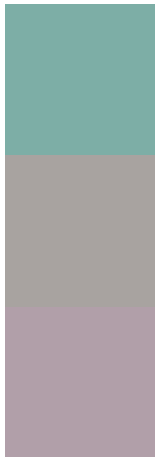


This preview shows how white text looks on a background with the RGB color 125, 174, 166.

# 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



**Original Color**  
125, 174, 166

**Protanopia**  
168, 163, 160

**Deuteranopia**  
177, 159, 169



**Tritanopia**  
129, 171, 185

# Trichromacy



**Original Color**  
125, 174, 166

**Protanomaly**  
152, 167, 162

**Deuteranomaly**  
158, 164, 168

**Tritanomaly**  
128, 172, 178

# Monochromacy



**Original Color**  
125, 174, 166

**Achromatopsia**  
158, 158, 158

**Achromatomaly**  
146, 164, 161

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 125, 174, 166 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(125, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(125, 174, 166)  
}
```

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(125, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 174, 166) }
```

## Border

The CSS property to change the border of an element to RGB 125, 174, 166 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(125, 174, 166) }
```

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

```
.border{ border-color:rgb(125, 174, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 174, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(125, 174,  
166) }
```

# Background

The CSS property to change the background color of an element to RGB 125, 174, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 174, 166) }
```

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

```
.background{ background-color: rgb(125,  
174, 166) }
```

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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