

Converting Colors

RGB(124, 170, 136)

Have a look what the booklet for
RGB(124, 170, 136) contains.

RGB(124, 170, 136)	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(124, 170, 136)

Conversions

Conversions Part 1

Format	Color
Hex	7CAA88
RGB	124, 170, 136
RGB Percent	49%, 67%, 53%
CMY	0.5137, 0.3333, 0.4667
CMYK	0.27, 0.00, 0.20, 0.33
HSL	136°, 21%, 58%
HSV	136°, 27%, 67%
XYZ	27.1308, 34.8121, 28.5820
YIQ	152.3700, -16.5020, -20.3260

Conversions

Conversions Part 2

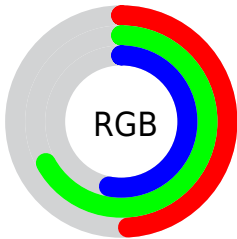
Format	Color
RYB	124, 160, 170
Decimal	8170120
CIELab	65.60, -22.52, 12.64
CIElCh	66, 25.822, 150.704
Yxy	34.8121, 0.2997, 0.3846
Android (android.graphics.Color)	4286360200 (0xFF7CAA88)
YUV	152.3700, -8.0704, -24.8805
Hunter-Lab	59.0018, -21.1733, 12.5796

Details

The RGB color **124, 170, 136** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 124, 158**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **177, 225, 189**, and **74, 118, 86** is the 20% darker color. If you saturate the color by 10%, you get **107, 170, 123**, and if you desaturate by 10%, it is **141, 170, 149**.

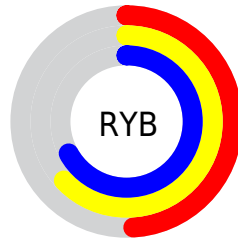
Distribution



Red (49%)

Green (67%)

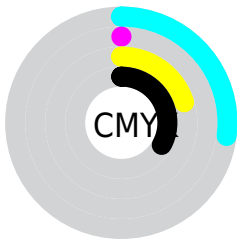
Blue (53%)



Red (49%)

Yellow (63%)

Blue (67%)

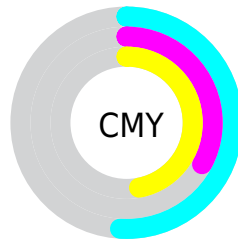


Cyan (27%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (51%)


Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 170, 136 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 124, 170, 136 by changing the saturation by 10% instead.


 124, 170, 136


255, 255, 255


 177, 225, 189

 205, 254, 217

 234, 255, 246

 124, 170, 136

 98, 143, 111


 74, 118, 86


 50, 93, 63

 26, 69, 41


 1, 46, 20

 0, 27, 0


 0, 0, 0

 124, 170, 136


 107, 170, 123

 124, 170, 136

 141, 170, 149


 90, 170, 111

 158, 170, 161

 73, 170, 98


 175, 170, 174


 56, 170, 86


 192, 170, 186

 39, 170, 73


 209, 170, 199

 22, 170, 61

 226, 170, 211

 5, 170, 48

 243, 170, 224

 0, 170, 44

 255, 170, 237

 255, 170, 249

Harmonies

Analogous

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



151, 165, 119



124, 170, 136



100, 172, 159

Triad

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



124, 170, 136



131, 161, 205



205, 144, 137

Complementary

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



124, 170, 136



170, 124, 158

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.



204, 142, 160



124, 170, 136



164, 153, 199

Square

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



124, 170, 136



101, 168, 199



190, 146, 182



195, 150, 120

Rectangle

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



124, 170, 136



90, 172, 175



190, 146, 182



206, 143, 144

Sweetspot

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



124, 170, 136



204, 222, 209



158, 170, 124



101, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



124, 170, 136



151, 222, 169



124, 170, 158



76, 84, 78



0, 148, 39



0, 20, 5

Inverse Universe

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



170, 124, 158



222, 151, 203



170, 124, 135



84, 76, 82



148, 0, 109



20, 0, 15

Previews

White Background



This preview shows how the RGB color 124, 170, 136 looks on a white background.

Color Contrast Check

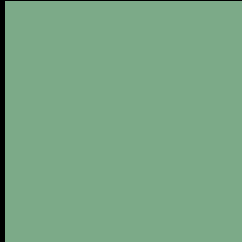
Large Text (above 18pt) WCAG AA × Fail

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 124, 170, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

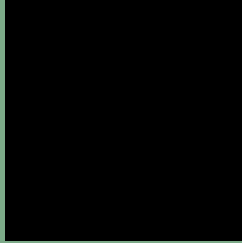
Any Text WCAG AA ✓ Pass

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 124, 170, 136 Background



This preview shows how black text looks on a background with the RGB color 124, 170, 136.

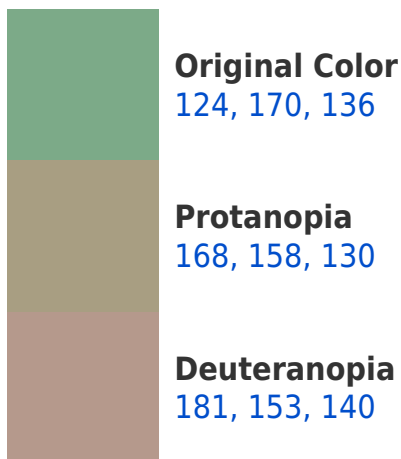



This preview shows how white text looks on a background with the RGB color 124, 170, 136.

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
132, 164, 177

Trichromacy



Original Color
124, 170, 136

Protanomaly
152, 162, 132

Deuteranomaly
160, 159, 139

Tritanomaly
129, 166, 162

Monochromacy



Original Color
124, 170, 136

Achromatopsia
152, 152, 152

Achromatomaly
142, 159, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 170, 136 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(124, 170, 136)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 136)  
}
```

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(124, 170, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 136) }
```

Border

The CSS property to change the border of an element to RGB 124, 170, 136 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(124, 170, 136) }
```

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

```
.border{ border-color:rgb(124, 170, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 170, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 136);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 124, 170, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 136) }
```

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

```
.background{ background-color: rgb(124,  
170, 136) }
```

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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