

Converting Colors

RGB(124, 164, 158)

Have a look what the booklet for
RGB(124, 164, 158) contains.

| | |
|--|----|
| RGB(124, 164, 158) | 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, 164, 158)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CA49E |
| RGB | 124, 164, 158 |
| RGB Percent | 49%, 64%, 62% |
| CMY | 0.5137, 0.3569, 0.3804 |
| CMYK | 0.24, 0.00, 0.04, 0.36 |
| HSL | 171°, 18%, 56% |
| HSV | 171°, 24%, 64% |
| XYZ | 27.7592, 33.3046, 37.3131 |
| YIQ | 151.3560, -21.9140, -10.3460 |

Conversions

Conversions Part 2

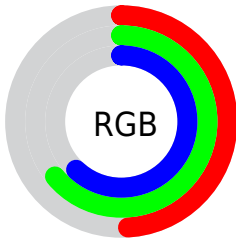
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 124, 146, 164 |
| Decimal | 8168606 |
| CIELab | 64.41, -14.84, -1.33 |
| CIELCh | 64, 14.904, 185.102 |
| Yxy | 33.3046, 0.2822, 0.3385 |
| Android (android.graphics.Color) | 4286358686 (0xFF7CA49E) |
| YUV | 151.3560, 3.2755, -23.9912 |
| Hunter-Lab | 57.7102, -15.1324, 2.0625 |

Details

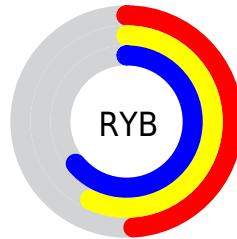
The RGB color **124, 164, 158** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **164, 124, 130**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **177, 219, 213**, and **74, 112, 107** is the 20% darker color. If you saturate the color by 10%, you get **108, 164, 156**, and if you desaturate by 10%, it is **140, 164, 160**.

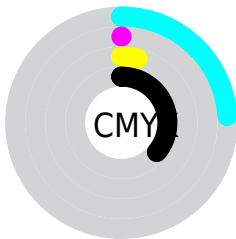
Distribution



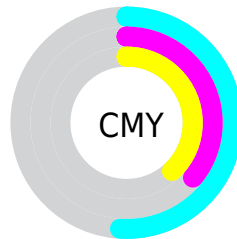
- Red (49%)
- Green (64%)
- Blue (62%)



- Red (49%)
- Yellow (57%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)




- Cyan (51%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 164, 158 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, 164, 158 by changing the saturation by 10% instead.


 124, 164, 158


255, 255, 255


 177, 219, 213

 205, 248, 241

 234, 255, 255

 124, 164, 158

 98, 138, 132

 74, 112, 107


 50, 88, 83


 26, 64, 60


 1, 42, 38

 0, 23, 17

 0, 0, 0

 124, 164, 158

 108, 164, 156

 124, 164, 158

 140, 164, 160

■ 91, 164, 153

■ 157, 164, 163

■ 75, 164, 151

■ 173, 164, 165

■ 58, 164, 148

■ 190, 164, 168

■ 42, 164, 146

■ 206, 164, 170

■ 26, 164, 143

■ 222, 164, 173

■ 9, 164, 141

■ 239, 164, 175

■ 0, 164, 139

■ 255, 164, 178

■ 255, 164, 180

Harmonies

Analogous

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



135, 163, 145



124, 164, 158



121, 163, 171

Triad

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



124, 164, 158



162, 152, 178



177, 152, 132

Complementary

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



124, 164, 158



164, 124, 130

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.



184, 148, 141



124, 164, 158



176, 148, 168

Square

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



124, 164, 158



144, 157, 182



183, 147, 154



164, 156, 130

Rectangle

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



124, 164, 158



126, 162, 177



183, 147, 154



180, 150, 135

Sweetspot

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



124, 164, 158



199, 214, 212



130, 164, 124



99, 107, 106



235, 235, 235



107, 107, 107

Same Dimension

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



124, 164, 158



152, 214, 205



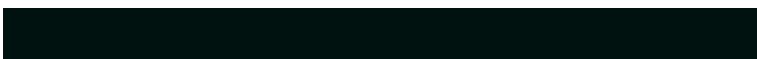
124, 151, 164



73, 82, 80



0, 145, 124



0, 18, 15

Inverse Universe

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



164, 124, 130



214, 152, 161



164, 138, 124



82, 73, 75



145, 0, 22



18, 0, 3

Previews

White Background



This preview shows how the RGB color 124, 164, 158 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, 164, 158 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, 164, 158 Background



This preview shows how black text looks on a background with the RGB color 124, 164, 158.

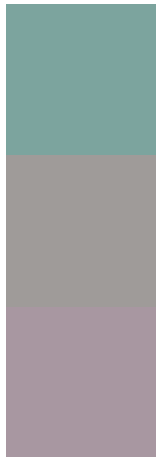


This preview shows how white text looks on a background with the RGB color 124, 164, 158.

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
124, 164, 158

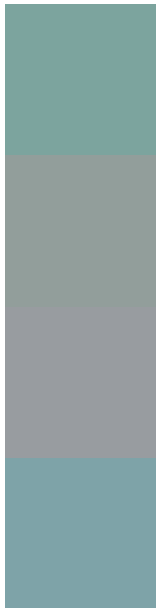
Protanopia
159, 155, 153

Deuteranopia
168, 151, 161



Tritanopia
127, 162, 174

Trichromacy



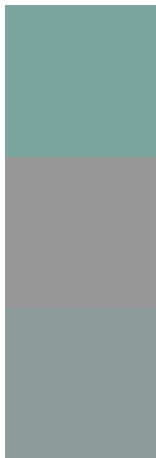
Original Color
124, 164, 158

Protanomaly
146, 158, 155

Deuteranomaly
152, 156, 160

Tritanomaly
126, 163, 168

Monochromacy



Original Color
124, 164, 158

Achromatopsia
151, 151, 151

Achromatomaly
141, 156, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 164, 158 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, 164, 158) looks like.

```
.text, #text, p{  
    color:rgb(124, 164, 158)  
}
```

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, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 164, 158) }
```

Border

The CSS property to change the border of an element to RGB 124, 164, 158 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, 164, 158) }
```

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

```
.border{ border-color:rgb(124, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(124, 164,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 124, 164, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 164, 158) }
```

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

```
.background{ background-color: rgb(124,  
164, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor