

Converting Colors

RGB(64, 153, 147)

Have a look what the booklet for
RGB(64, 153, 147) contains.

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Color

RGB(64, 153, 147)

Conversions

Conversions Part 1

Format	Color
Hex	409993
RGB	64, 153, 147
RGB Percent	25%, 60%, 58%
CMY	0.7490, 0.4000, 0.4235
CMYK	0.58, 0.00, 0.04, 0.40
HSL	176°, 41%, 43%
HSV	176°, 58%, 60%
XYZ	18.7720, 25.9790, 31.6288
YIQ	125.7050, -51.1180, -20.7340

Conversions

Conversions Part 2

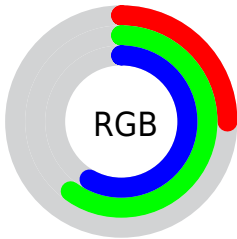
Format	Color
RYB	64, 110, 153
Decimal	4233619
CIELab	58.02, -27.86, -4.84
CIELCh	58, 28.277, 189.856
Yxy	25.9790, 0.2458, 0.3401
Android (android.graphics.Color)	4282423699 (0xFF409993)
YUV	125.7050, 10.4984, -54.1153
Hunter-Lab	50.9696, -23.4556, -1.1132

Details

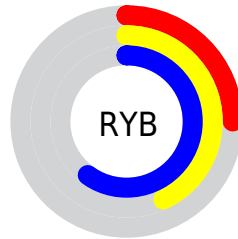
The RGB color **64, 153, 147** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **153, 64, 70**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **121, 208, 201**, and **0, 101, 97** is the 20% darker color. If you saturate the color by 10%, you get **49, 153, 146**, and if you desaturate by 10%, it is **79, 153, 148**.

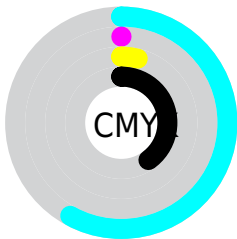
Distribution



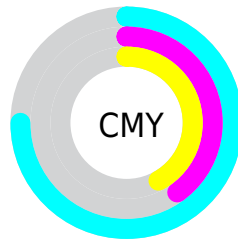
- Red (25%)
- Green (60%)
- Blue (58%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 153, 147 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 64, 153, 147 by changing the saturation by 10% instead.



64, 153, 147



64, 153, 147

255, 255, 255



31, 127, 121



121, 208, 201



0, 101, 97



149, 236, 229



0, 77, 73



177, 255, 255



0, 54, 50



206, 255, 255



0, 34, 29



235, 255, 255



0, 0, 3



0, 0, 0



64, 153, 147



64, 153, 147



49, 153, 146



79, 153, 148

■ 33, 153, 145

■ 95, 153, 149

■ 18, 153, 144

■ 110, 153, 150

■ 3, 153, 143

■ 125, 153, 151

■ 0, 153, 143

■ 140, 153, 152

■ 156, 153, 153

■ 171, 153, 154

■ 186, 153, 155

■ 202, 153, 156

Harmonies

Analogous

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



92, 152, 122



64, 153, 147



55, 151, 170

Triad

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



64, 153, 147



153, 130, 177



171, 132, 93

Complementary

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



64, 153, 147



153, 64, 70

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.



185, 124, 109



64, 153, 147



177, 123, 157

Square

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



64, 153, 147



118, 139, 188



188, 121, 132



148, 141, 90

Rectangle

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



64, 153, 147



69, 149, 181



188, 121, 132



177, 129, 97

Sweetspot

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



64, 153, 147



165, 199, 197



71, 153, 64



80, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



64, 153, 147



60, 199, 190



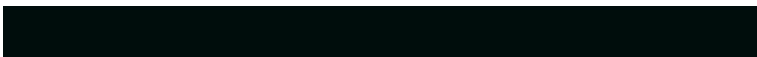
64, 116, 153



69, 77, 76



0, 140, 131



0, 13, 12

Inverse Universe

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



153, 64, 70



199, 60, 69



153, 101, 64



77, 69, 69



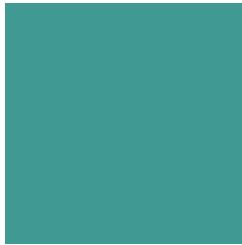
140, 0, 9



13, 0, 1

Previews

White Background



This preview shows how the RGB color 64, 153, 147 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 64, 153, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

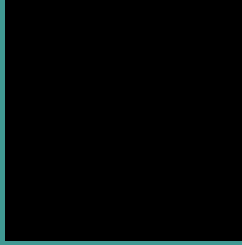
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 64, 153, 147 Background



This preview shows how black text looks on a background with the RGB color 64, 153, 147.

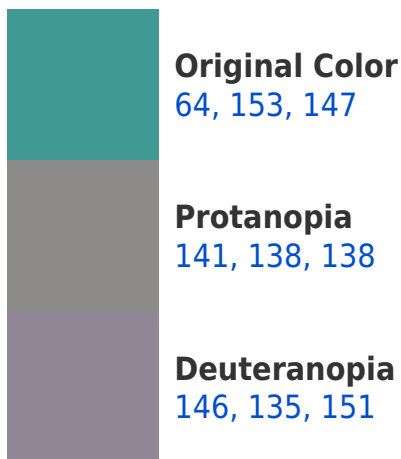


This preview shows how white text looks on a background with the RGB color 64, 153, 147.

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
70, 151, 163

Trichromacy



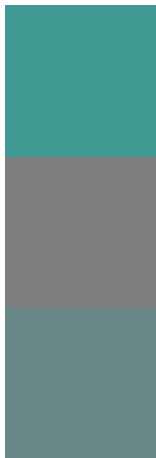
Original Color
64, 153, 147

Protanomaly
113, 143, 141

Deuteranomaly
116, 142, 150

Tritanomaly
68, 152, 157

Monochromacy



Original Color
64, 153, 147

Achromatopsia
126, 126, 126

Achromatomaly
103, 136, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 153, 147 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(64, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(64, 153, 147)  
}
```

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(64, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 153, 147) }
```

Border

The CSS property to change the border of an element to RGB 64, 153, 147 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(64, 153, 147) }
```

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

```
.border{ border-color:rgb(64, 153, 147) }
```

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

Here you see how a box with a 4 pixel rgb(64, 153, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(64, 153,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 64, 153, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 153, 147) }
```

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

```
.background{ background-color: rgb(64, 153,  
147) }
```

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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