

Converting Colors

RGB(63, 173, 139)

Have a look what the booklet for
RGB(63, 173, 139) contains.

RGB(63, 173, 139)	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(63, 173, 139)

Conversions

Conversions Part 1

Format	Color
Hex	3FAD8B
RGB	63, 173, 139
RGB Percent	25%, 68%, 55%
CMY	0.7529, 0.3216, 0.4549
CMYK	0.64, 0.00, 0.20, 0.32
HSL	161°, 47%, 46%
HSV	161°, 64%, 68%
XYZ	21.6537, 32.8080, 29.6174
YIQ	136.2340, -54.6460, -33.8940

Conversions

Conversions Part 2

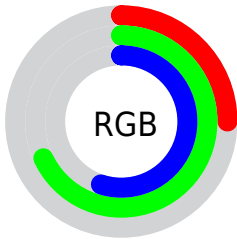
Format	Color
RYB	63, 128, 173
Decimal	4173195
CIELab	64.01, -39.47, 8.35
CIELCh	64, 40.348, 168.051
Yxy	32.8080, 0.2575, 0.3902
Android (android.graphics.Color)	4282363275 (0xFF3FAD8B)
YUV	136.2340, 1.3636, -64.2262
Hunter-Lab	57.2783, -32.7562, 9.4371

Details

The RGB color **63, 173, 139** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **173, 63, 97**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **122, 229, 192**, and **0, 120, 89** is the 20% darker color. If you saturate the color by 10%, you get **46, 173, 134**, and if you desaturate by 10%, it is **80, 173, 144**.

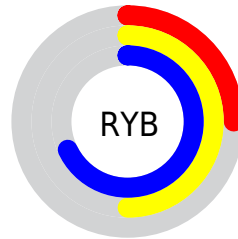
Distribution



Red (25%)

Green (68%)

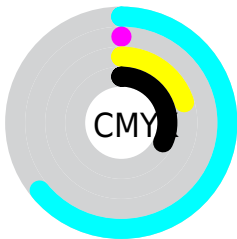
Blue (55%)



Red (25%)

Yellow (50%)

Blue (68%)

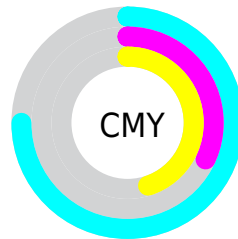


Cyan (64%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (75%)

Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 63, 173, 139 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 63, 173, 139 by changing the saturation by 10% instead.



63, 173, 139



63, 173, 139

255, 255, 255



26, 146, 114



122, 229, 192



0, 120, 89



151, 255, 220



0, 94, 66



180, 255, 249



0, 70, 44



209, 255, 255



0, 47, 23



239, 255, 255



0, 23, 0



0, 0, 0



63, 173, 139



63, 173, 139



46, 173, 134



80, 173, 144

■ 28, 173, 128

■ 98, 173, 150

■ 11, 173, 123

■ 115, 173, 155

■ 0, 173, 120

■ 132, 173, 160

■ 150, 173, 166

■ 167, 173, 171

■ 184, 173, 176

■ 201, 173, 182

■ 219, 173, 187

Harmonies

Analogous

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



115, 168, 106



63, 173, 139



0, 174, 176

Triad

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



63, 173, 139



137, 151, 223



215, 135, 103

Complementary

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



63, 173, 139



173, 63, 97

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.



224, 127, 135



63, 173, 139



186, 138, 204

Square

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



63, 173, 139



67, 163, 225



215, 128, 171



190, 148, 84

Rectangle

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



63, 173, 139



0, 172, 198



215, 128, 171



220, 132, 113

Sweetspot

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



63, 173, 139



182, 224, 211



98, 173, 63



86, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



63, 173, 139



54, 224, 172



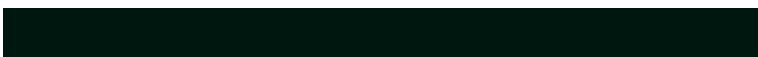
63, 153, 173



78, 87, 84



0, 150, 104



0, 23, 16

Inverse Universe

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



173, 63, 97



224, 54, 107



173, 83, 63



87, 78, 81



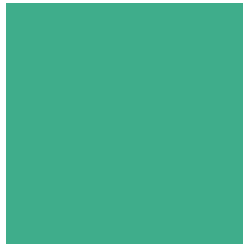
150, 0, 47



23, 0, 7

Previews

White Background



This preview shows how the RGB color 63, 173, 139 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 63, 173, 139 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 63, 173, 139 Background



This preview shows how black text looks on a background with the RGB color 63, 173, 139.

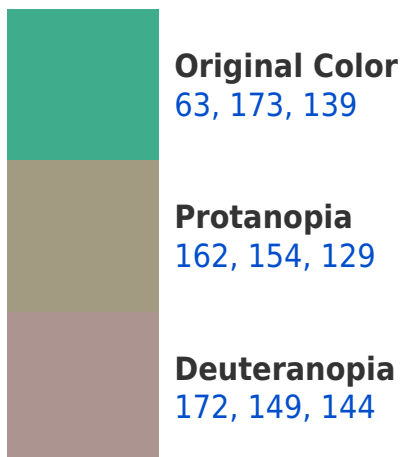


This preview shows how white text looks on a background with the RGB color 63, 173, 139.

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
79, 167, 181

Trichromacy



Original Color

63, 173, 139



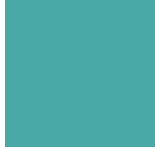
Protanomaly

126, 161, 133



Deuteranomaly

132, 158, 142



Tritanomaly

73, 169, 166

Monochromacy



Original Color

63, 173, 139



Achromatopsia

136, 136, 136



Achromatomaly

109, 149, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 63, 173, 139 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(63, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(63, 173, 139)  
}
```

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(63, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 173, 139) }
```

Border

The CSS property to change the border of an element to RGB 63, 173, 139 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(63, 173, 139) }
```

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

```
.border{ border-color:rgb(63, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(63, 173,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 63, 173, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 173, 139) }
```

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

```
.background{ background-color: rgb(63, 173,  
139) }
```

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