

Converting Colors

RGB(63, 137, 122)

Have a look what the booklet for
RGB(63, 137, 122) contains.

RGB(63, 137, 122)	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, 137, 122)

Conversions

Conversions Part 1

Format	Color
Hex	3F897A
RGB	63, 137, 122
RGB Percent	25%, 54%, 48%
CMY	0.7529, 0.4627, 0.5216
CMYK	0.54, 0.00, 0.11, 0.46
HSL	168°, 37%, 39%
HSV	168°, 54%, 54%
XYZ	14.5084, 20.3532, 21.5762
YIQ	113.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

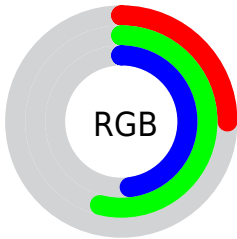
Format	Color
RYB	63, 104, 137
Decimal	4163962
CIELab	52.23, -26.90, 1.04
CIELCh	52, 26.917, 177.776
Yxy	20.3532, 0.2571, 0.3606
Android (android.graphics.Color)	4282354042 (0xFF3F897A)
YUV	113.1640, 4.3561, -43.9938
Hunter-Lab	45.1145, -21.5465, 3.2245

Details

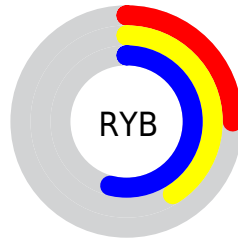
The RGB color **63, 137, 122** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **137, 63, 78**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **117, 191, 174**, and **0, 87, 73** is the 20% darker color. If you saturate the color by 10%, you get **49, 137, 119**, and if you desaturate by 10%, it is **77, 137, 125**.

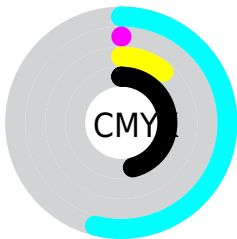
Distribution



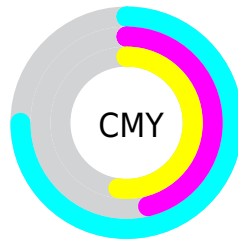
- Red (25%)
- Green (54%)
- Blue (48%)



- Red (25%)
- Yellow (41%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)























- Cyan (75%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 63, 137, 122 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, 137, 122 by changing the saturation by 10% instead.

 63, 137, 122	 63, 137, 122
 255, 255, 255	 34, 111, 97
 117, 191, 174	 0, 87, 73
 144, 219, 202	 0, 63, 51
 172, 247, 230	 0, 40, 30
 200, 255, 255	 0, 15, 5
 229, 255, 255	 0, 0, 0

 63, 137, 122	 63, 137, 122
 49, 137, 119	 77, 137, 125
 36, 137, 116	 90, 137, 128

■ 22, 137, 114

■ 104, 137, 130

■ 8, 137, 111

■ 118, 137, 133

■ 0, 137, 109

■ 132, 137, 136

■ 145, 137, 139

■ 159, 137, 141

■ 173, 137, 144

■ 186, 137, 147

Harmonies

Analogous

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



91, 135, 99



63, 137, 122



43, 137, 145

Triad

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



63, 137, 122



125, 119, 165



160, 115, 86

Complementary

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



63, 137, 122



137, 63, 78

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.



170, 109, 104



63, 137, 122



152, 111, 150

Square

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



63, 137, 122



90, 127, 170



167, 107, 127



142, 123, 78

Rectangle

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



63, 137, 122



47, 135, 158



167, 107, 127



164, 112, 91

Sweetspot

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



63, 137, 122



150, 179, 173



79, 137, 63



72, 89, 86



217, 217, 217



89, 89, 89

Same Dimension

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



63, 137, 122



62, 179, 155



63, 116, 137



62, 69, 67



0, 133, 106



0, 5, 4

Inverse Universe

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



137, 63, 78



179, 62, 86



137, 84, 63



69, 62, 63



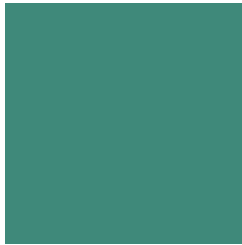
133, 0, 27



5, 0, 1

Previews

White Background



This preview shows how the RGB color 63, 137, 122 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 63, 137, 122 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 63, 137, 122 Background



This preview shows how black text looks on a background with the RGB color 63, 137, 122.

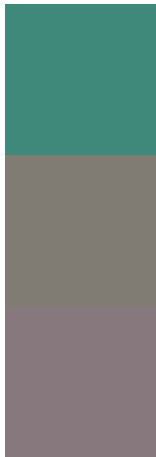


This preview shows how white text looks on a background with the RGB color 63, 137, 122.

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
[63, 137, 122](#)

Protanopia
[128, 123, 115](#)

Deuteranopia
[135, 120, 126](#)



Tritanopia
71, 134, 145

Trichromacy



Original Color
63, 137, 122

Protanomaly
104, 128, 118

Deuteranomaly
109, 126, 125

Tritanomaly
68, 135, 137

Monochromacy



Original Color
63, 137, 122

Achromatopsia
113, 113, 113

Achromatomaly
95, 122, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 63, 137, 122 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, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(63, 137, 122)  
}
```

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, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 137, 122) }
```

Border

The CSS property to change the border of an element to RGB 63, 137, 122 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, 137, 122) }
```

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

```
.border{ border-color:rgb(63, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(63, 137,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 63, 137, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 137, 122) }
```

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

```
.background{ background-color: rgb(63, 137,  
122) }
```

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