

Converting Colors

RGB(55, 171, 126)

Have a look what the booklet for
RGB(55, 171, 126) contains.

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Color

RGB(55, 171, 126)

Conversions

Conversions Part 1

Format	Color
Hex	37AB7E
RGB	55, 171, 126
RGB Percent	22%, 67%, 49%
CMY	0.7843, 0.3294, 0.5059
CMYK	0.68, 0.00, 0.26, 0.33
HSL	157°, 51%, 44%
HSV	157°, 68%, 67%
XYZ	19.9044, 31.4444, 24.7590
YIQ	131.1860, -54.6910, -38.5870

Conversions

Conversions Part 2

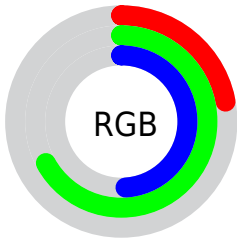
Format	Color
RYB	55, 127, 171
Decimal	3648382
CIELab	62.88, -43.08, 13.93
CIELCh	63, 45.280, 162.085
Yxy	31.4444, 0.2615, 0.4132
Android (android.graphics.Color)	4281838462 (0xFF37AB7E)
YUV	131.1860, -2.5567, -66.8151
Hunter-Lab	56.0753, -34.7719, 13.0744

Details

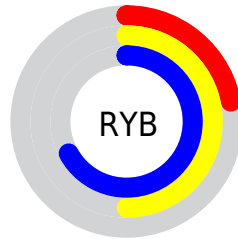
The RGB color **55, 171, 126** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **171, 55, 100**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **116, 227, 179**, and **0, 118, 77** is the 20% darker color. If you saturate the color by 10%, you get **38, 171, 119**, and if you desaturate by 10%, it is **72, 171, 133**.

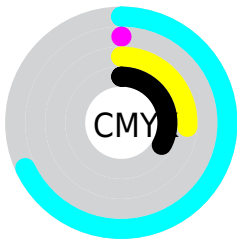
Distribution



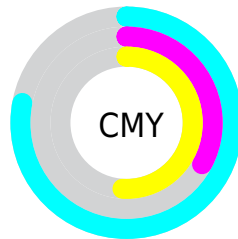
- Red (22%)
- Green (67%)
- Blue (49%)



- Red (22%)
- Yellow (50%)
- Blue (67%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)




- Cyan (78%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 55, 171, 126 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 55, 171, 126 by changing the saturation by 10% instead.

 55, 171, 126

255, 255, 255


 116, 227, 179


 144, 255, 206

 173, 255, 235

 203, 255, 255

 232, 255, 255

 55, 171, 126

 10, 144, 101

 0, 118, 77


 0, 92, 54


 0, 68, 32


 0, 45, 10


 0, 18, 0

 0, 0, 0

 55, 171, 126

 38, 171, 119

 55, 171, 126

 72, 171, 133

■ 21, 171, 113

■ 89, 171, 139

■ 4, 171, 106

■ 106, 171, 146

■ 0, 171, 105

■ 123, 171, 153

■ 140, 171, 159

■ 158, 171, 166

■ 175, 171, 172

■ 192, 171, 179

■ 209, 171, 186

Harmonies

Analogous

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



116, 165, 90



55, 171, 126



0, 173, 168

Triad

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



55, 171, 126



115, 151, 231



221, 127, 100

Complementary

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



55, 171, 126



171, 55, 100

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.



228, 119, 137



55, 171, 126



177, 135, 212

Square

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



55, 171, 126



0, 163, 228



214, 122, 178



196, 141, 75

Rectangle

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



55, 171, 126



0, 172, 194



214, 122, 178



225, 123, 112

Sweetspot

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



55, 171, 126



177, 222, 205



101, 171, 55



85, 112, 102



240, 240, 240



112, 112, 112

Same Dimension

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



55, 171, 126



42, 222, 152



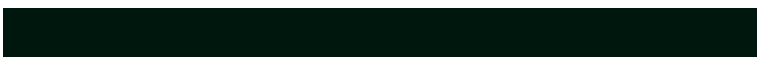
55, 159, 171



78, 87, 83



0, 150, 92



0, 23, 14

Inverse Universe

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



171, 55, 100



222, 42, 112



171, 67, 55



87, 78, 81



150, 0, 58



23, 0, 9

Previews

White Background



This preview shows how the RGB color 55, 171, 126 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 55, 171, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

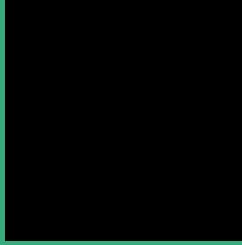
Any Text WCAG AA ✓ Pass

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 55, 171, 126 Background



This preview shows how black text looks on a background with the RGB color 55, 171, 126.

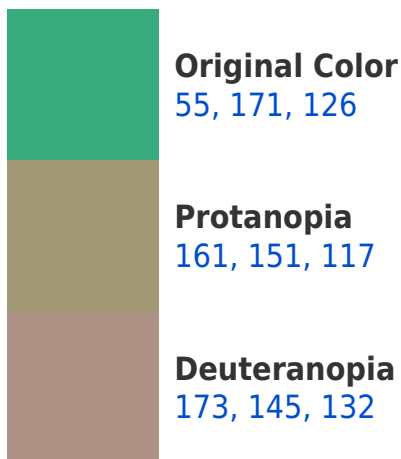


This preview shows how white text looks on a background with the RGB color 55, 171, 126.

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
76, 164, 178

Trichromacy



Original Color

55, 171, 126



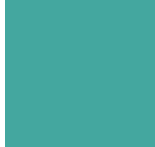
Protanomaly

122, 158, 120



Deuteranomaly

130, 154, 130



Tritanomaly

68, 167, 159

Monochromacy



Original Color

55, 171, 126



Achromatopsia

131, 131, 131



Achromatomaly

103, 146, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 55, 171, 126 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(55, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(55, 171, 126)  
}
```

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(55, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 171, 126) }
```

Border

The CSS property to change the border of an element to RGB 55, 171, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

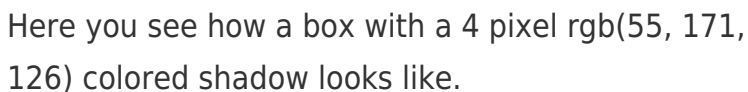
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 171, 126) }
```

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

```
.border{ border-color:rgb(55, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(55, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 171, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 171, 126);  
box-shadow:4px 4px 4px 4px rgb(55, 171,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 55, 171, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 171, 126) }
```

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

```
.background{ background-color: rgb(55, 171,  
126) }
```

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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