

Converting Colors

RGB(61, 156, 129)

Have a look what the booklet for
RGB(61, 156, 129) contains.

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Color

RGB(61, 156, 129)

Conversions

Conversions Part 1

Format	Color
Hex	3D9C81
RGB	61, 156, 129
RGB Percent	24%, 61%, 51%
CMY	0.7608, 0.3882, 0.4941
CMYK	0.61, 0.00, 0.17, 0.39
HSL	163°, 44%, 43%
HSV	163°, 61%, 61%
XYZ	17.7754, 26.3540, 24.9189
YIQ	124.5170, -47.9530, -28.5370

Conversions

Conversions Part 2

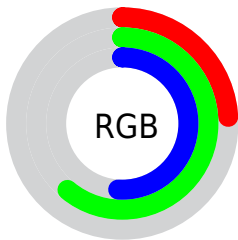
Format	Color
RYB	61, 116, 156
Decimal	4037761
CIELab	58.37, -34.63, 5.89
CIELCh	58, 35.132, 170.346
Yxy	26.3540, 0.2574, 0.3817
Android (android.graphics.Color)	4282227841 (0xFF3D9C81)
YUV	124.5170, 2.2101, -55.7044
Hunter-Lab	51.3362, -28.0318, 7.1556

Details

The RGB color **61, 156, 129** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **156, 61, 88**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **118, 211, 182**, and **0, 104, 80** is the 20% darker color. If you saturate the color by 10%, you get **45, 156, 125**, and if you desaturate by 10%, it is **77, 156, 133**.

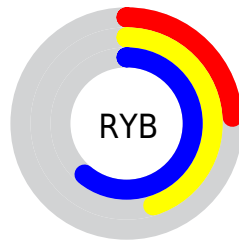
Distribution



Red (24%)

Green (61%)

Blue (51%)



Red (24%)

Yellow (45%)

Blue (61%)

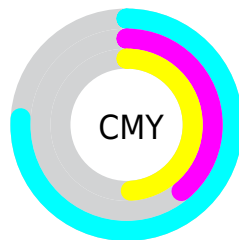


Cyan (61%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (76%)















Magenta (39%)







Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 156, 129 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 61, 156, 129 by changing the saturation by 10% instead.

 61, 156, 129	 61, 156, 129
 255, 255, 255	 28, 130, 104
 118, 211, 182	 0, 104, 80
 146, 240, 209	 0, 79, 57
 174, 255, 238	 0, 56, 35
 203, 255, 255	 0, 36, 14
 232, 255, 255	 0, 0, 0

 61, 156, 129	 61, 156, 129
 45, 156, 125	 77, 156, 133
 30, 156, 120	 92, 156, 138

■ 14, 156, 116

■ 108, 156, 142

■ 0, 156, 112

■ 123, 156, 147

■ 139, 156, 151

■ 155, 156, 156

■ 170, 156, 160

■ 186, 156, 164

■ 201, 156, 169

Harmonies

Analogous

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



104, 152, 100



61, 156, 129



0, 156, 161

Triad

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



61, 156, 129



129, 136, 198



191, 124, 94

Complementary

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



61, 156, 129



156, 61, 88

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.



200, 117, 121



61, 156, 129



169, 125, 180

Square

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



61, 156, 129



75, 146, 201



193, 117, 152



169, 135, 79

Rectangle

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



61, 156, 129



0, 155, 179



193, 117, 152



195, 121, 102

Sweetspot

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



61, 156, 129



167, 204, 194



90, 156, 61



80, 102, 96



230, 230, 230



102, 102, 102

Same Dimension

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



61, 156, 129



55, 204, 162



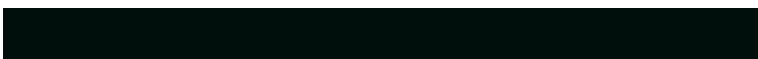
61, 137, 156



71, 79, 77



0, 143, 102



0, 15, 11

Inverse Universe

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



156, 61, 88



204, 55, 97



156, 80, 61



79, 71, 73



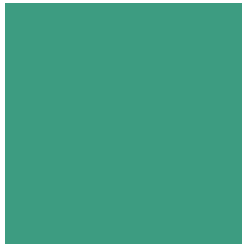
143, 0, 41



15, 0, 4

Previews

White Background



This preview shows how the RGB color 61, 156, 129 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 61, 156, 129 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 61, 156, 129 Background



This preview shows how black text looks on a background with the RGB color 61, 156, 129.

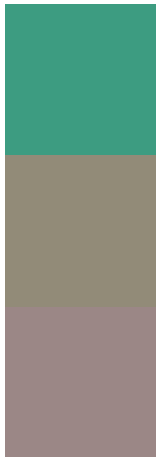


This preview shows how white text looks on a background with the RGB color 61, 156, 129.

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
61, 156, 129

Protanopia
146, 139, 120

Deuteranopia
155, 135, 134



Tritanopia
74, 151, 163

Trichromacy



Original Color

61, 156, 129



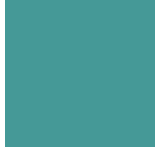
Protanomaly

115, 145, 123



Deuteranomaly

121, 143, 132



Tritanomaly

69, 153, 151

Monochromacy



Original Color

61, 156, 129



Achromatopsia

125, 125, 125



Achromatomaly

102, 136, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 156, 129 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(61, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(61, 156, 129)  
}
```

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(61, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 156, 129) }
```

Border

The CSS property to change the border of an element to RGB 61, 156, 129 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(61, 156, 129) }
```

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

```
.border{ border-color:rgb(61, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(61, 156,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 61, 156, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 156, 129) }
```

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

```
.background{ background-color: rgb(61, 156,  
129) }
```

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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