

# Converting Colors

Hex(61AE6C)

Have a look what the booklet for  
Hex(61AE6C) contains.

<b>Hex(61AE6C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(61AE6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61AE6C
RGB	97, 174, 108
RGB Percent	38%, 68%, 42%
CMY	0.6196, 0.3176, 0.5765
CMYK	0.44, 0.00, 0.38, 0.32
HSL	129°, 32%, 53%
HSV	129°, 44%, 68%
XYZ	22.7726, 33.8962, 19.5297
YIQ	143.4530, -24.7060, -36.8500

# Conversions

## Conversions Part 2

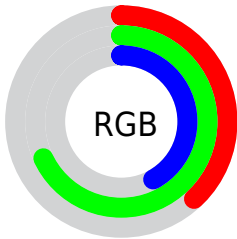
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 164, 174
Decimal	6401644
CIELab	64.88, -38.07, 26.66
CIElCh	65, 46.478, 145.002
Yxy	33.8962, 0.2989, 0.4448
Android (android.graphics.Color)	4284591724 (0xFF61AE6C)
YUV	143.4530, -17.4783, -40.7393
Hunter-Lab	58.2204, -32.0665, 20.8658

# Details

The Hex color **61AE6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE61A3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **97E6A0**, and **2A793B** is the 20% darker color. If you saturate the color by 10%, you get **50AE5D**, and if you desaturate by 10%, it is **72AE7B**.

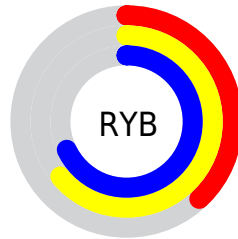
# Distribution



Red (38%)

Green (68%)

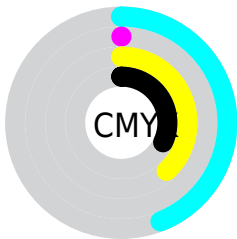
Blue (42%)



Red (38%)

Yellow (64%)

Blue (68%)

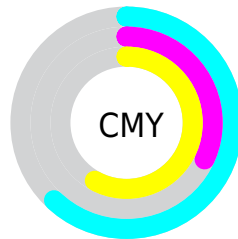


Cyan (44%)

Magenta (0%)

Yellow (38%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61AE6C 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 Hex color 61AE6C by changing the saturation by 10% instead.



 61AE6C

 61AE6C

FFFFFF

 469353

 97E6A0

 2A793B

 B3FFBB

 056025

 D0FFD7

 00470E

 EDFFF4

 003000

 001A00

 000000

 61AE6C

 61AE6C

 50AE5D

 72AE7B

 3EAE4E

 84AE8A

 2DAE3F

 95AE99

 1BAE30

 A7AEA8

 0AAE21

 B8AEB7

 00AE19

 C9AEC5

 DBAED4

 ECAEE3

 FEAEF2

# Harmonies

## Analogous

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



93A54F



61AE6C



00B295

# Triad

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



61AE6C



41A4F0



EB7D7D

# Complementary

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



61AE6C



AE61A3

# 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.



E77BA6



61AE6C



9695E9

# Square

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



61AE6C



00AEE1



CA85CE



DB8A5A

# Rectangle

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



61AE6C



00B3B2



CA85CE



EC7B8A



# Sweetspot

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



61AE6C



C5E3CA



A4AE61



607363



F2F2F2



737373



# Same Dimension

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



61AE6C



6BE37C



61AE92



4E574F



009615



001703



# Inverse Universe

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



AE61A3



E36BD2



AE617D



574E55



960081



170014



# Previews

## White Background



This preview shows how the Hex color 61AE6C looks on a white background.

## Color Contrast Check

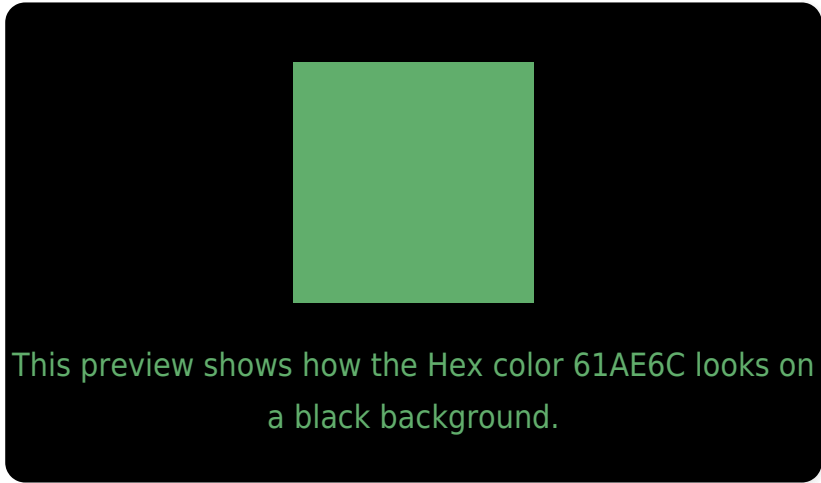
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex 61AE6C Background



This preview shows how black text looks on a background with the Hex color 61AE6C.

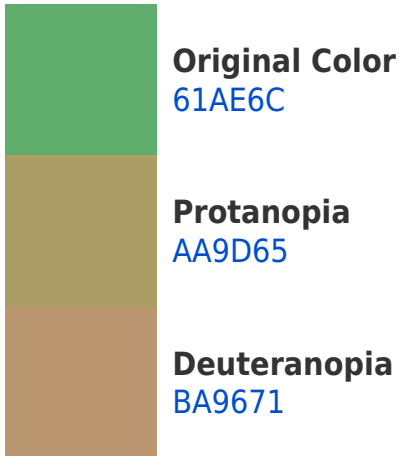


This preview shows how white text looks on a background with the Hex color 61AE6C.

# 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](#).

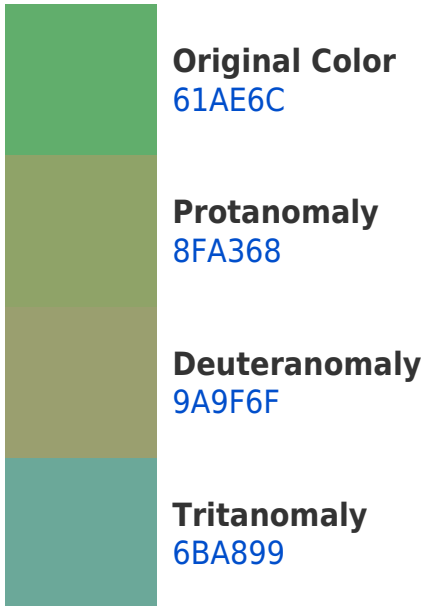
## Dichromacy



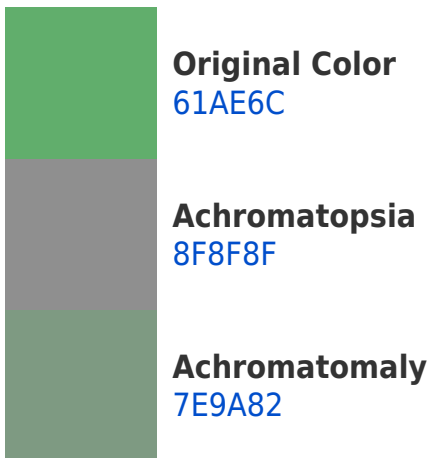


**Tritanopia**  
70A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61AE6C 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 #61AE6C looks like.

```
.text, #text, p{  
    color:#61AE6C  
}
```

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 #61AE6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AE6C
}
```

## Border

The CSS property to change the border of an element to Hex 61AE6C 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
#61AE6C }
```

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

```
.border{ border-color:#61AE6C }
```

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

Here you see how a box with a 4 pixel #61AE6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AE6C; -webkit-box-shadow:4px 4px  
4px 4px #61AE6C; box-shadow:4px 4px 4px  
4px #61AE6C }
```

# Background

The CSS property to change the background color of an element to Hex 61AE6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AE6C }
```

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

```
.background{ background-color:#61AE6C }
```

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