

# Converting Colors

Hex(61855E)

Have a look what the booklet for  
Hex(61855E) contains.

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# Color

**Hex(61855E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61855E
RGB	97, 133, 94
RGB Percent	38%, 52%, 37%
CMY	0.6196, 0.4784, 0.6314
CMYK	0.27, 0.00, 0.29, 0.48
HSL	115°, 17%, 45%
HSV	115°, 29%, 52%
XYZ	15.3377, 20.1246, 13.6657
YIQ	117.7900, -8.9370, -19.7610

# Conversions

## Conversions Part 2

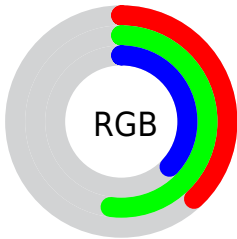
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 133, 130
Decimal	6391134
CIE <sub>Lab</sub>	51.98, -20.79, 17.07
CIE <sub>LCh</sub>	52, 26.901, 140.621
Yxy	20.1246, 0.3122, 0.4096
Android (android.graphics.Color)	4284581214 (0xFF61855E)
YUV	117.7900, -11.7285, -18.2328
Hunter-Lab	44.8604, -17.4771, 13.3409

# Details

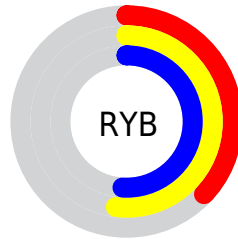
The Hex color **61855E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **825E85**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **95BA91**, and **315330** is the 20% darker color. If you saturate the color by 10%, you get **558551**, and if you desaturate by 10%, it is **6D856B**.

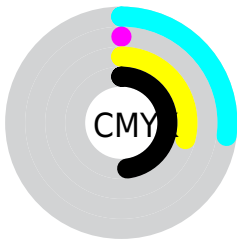
# Distribution



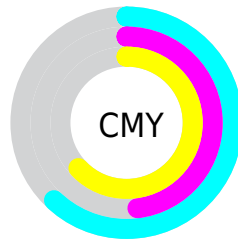
- Red (38%)
- Green (52%)
- Blue (37%)



- Red (37%)
- Yellow (52%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61855E 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 61855E by changing the saturation by 10% instead.





61855E



61855E

FFFFFF



496C46



95BA91



315330



AFD6AB



1A3C1A



CBF3C7



052601



E7FFE3



000D00



000000



61855E



61855E



558551



6D856B



488543



7A8579

 3C8536

 868586

 308529

 928593

 24851B

 9E85A1

 17850E

 AB85AE

 0B8501

 B785BB

 0A8500

 C385C8

 CF85D6

# Harmonies

## Analogous

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



7B7F50



61855E



458874

# Triad

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



61855E



5180A9



AA6B6D

# Complementary

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



61855E



825E85

# 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.



A46B84



61855E



7579A7

# Square

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



61855E



30869F



927099



A37059

# Rectangle

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



61855E



338984



927099



A96A74



# Sweetspot

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



61855E



9FAD9E



85825E



4E574D



D6D6D6



575757



# Same Dimension

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



61855E



75AD71



5E856E



3C423C



0A8200



000300



# Inverse Universe

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



825E85



A971AD



855E75



423C42



780082

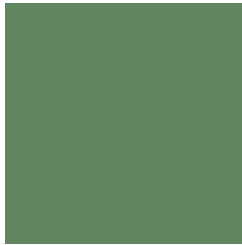


020003



# Previews

## White Background



This preview shows how the Hex color 61855E looks on a white background.

## Color Contrast Check

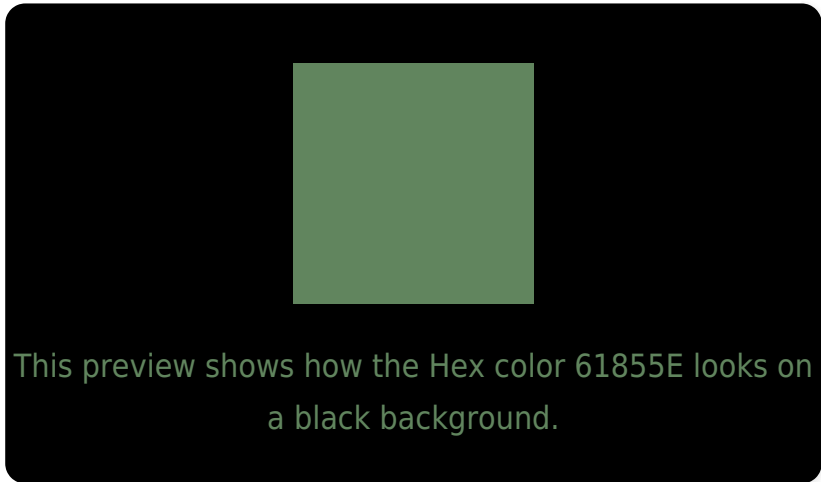
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

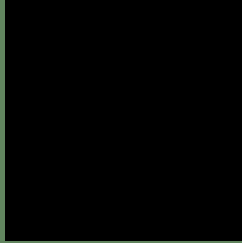
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61855E Background



This preview shows how black text looks on a background with the Hex color 61855E.

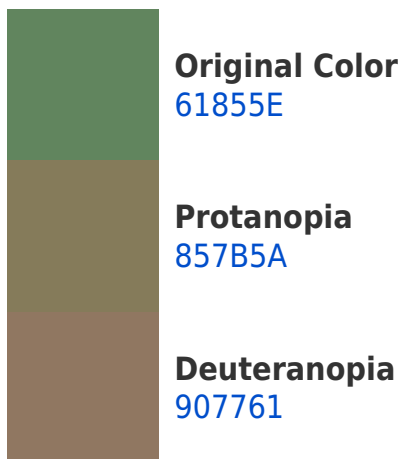


This preview shows how white text looks on a background with the Hex color 61855E.

# 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](#).

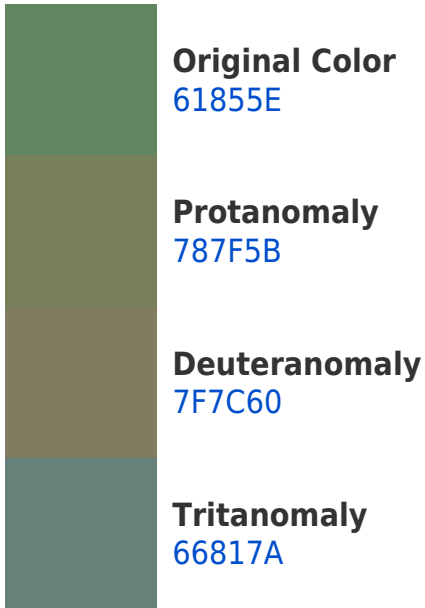
## Dichromacy



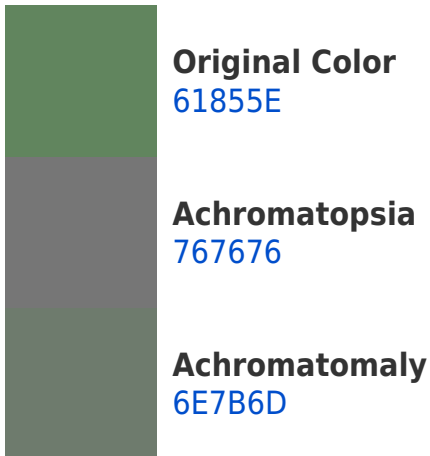


**Tritanopia**  
697F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61855E 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 #61855E looks like.

```
.text, #text, p{  
    color:#61855E  
}
```

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 #61855E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61855E
}
```

## Border

The CSS property to change the border of an element to Hex 61855E 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
#61855E }
```

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

```
.border{ border-color:#61855E }
```

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

Here you see how a box with a 4 pixel #61855E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61855E; -webkit-box-shadow:4px 4px  
4px 4px #61855E; box-shadow:4px 4px 4px  
4px #61855E }
```

# Background

The CSS property to change the background color of an element to Hex 61855E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61855E }
```

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

```
.background{ background-color:#61855E }
```

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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