

# Converting Colors

Hex(61845A)

Have a look what the booklet for  
Hex(61845A) contains.

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# Color

Hex(61845A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61845A
RGB	97, 132, 90
RGB Percent	38%, 52%, 35%
CMY	0.6196, 0.4824, 0.6471
CMYK	0.27, 0.00, 0.32, 0.48
HSL	110°, 19%, 44%
HSV	110°, 32%, 52%
XYZ	15.0265, 19.7821, 12.6992
YIQ	116.7470, -7.3780, -20.4820

# Conversions

## Conversions Part 2

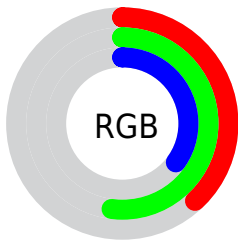
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 132, 125
Decimal	6390874
CIE <sub>Lab</sub>	51.59, -20.98, 18.82
CIE <sub>LCh</sub>	52, 28.179, 138.104
Yxy	19.7821, 0.3163, 0.4164
Android (android.graphics.Color)	4284580954 (0xFF61845A)
YUV	116.7470, -13.1863, -17.3181
Hunter-Lab	44.4771, -17.5290, 14.2053

# Details

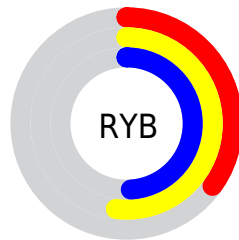
The Hex color **61845A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5A84**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95B98C**, and **31522C** is the 20% darker color. If you saturate the color by 10%, you get **56844D**, and if you desaturate by 10%, it is **6C8467**.

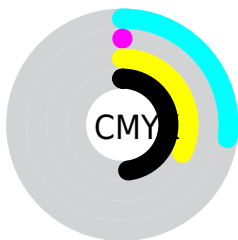
# Distribution



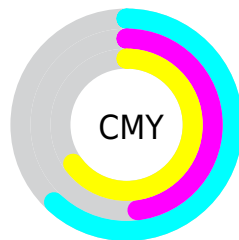
- Red (38%)
- Green (52%)
- Blue (35%)



- Red (35%)
- Yellow (52%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (32%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61845A 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 61845A by changing the saturation by 10% instead.





61845A



61845A

FFFFFF



496B42



95B98C



31522C



AFD5A7



1A3B16



CBF1C2



062500



E7FFDE



000B00



FFFFFFB



000000



61845A



61845A



56844D



6C8467



4B8440



778474

 408432

 828482

 358425

 8D848F

 2A8418

 98849C

 1F840B

 A384A9

 168400

 AE84B6

 B984C4

 C484D1

# Harmonies

## Analogous

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



7C7E4C



61845A



438770

# Triad

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



61845A



4980AA



AA696D

# Complementary

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



61845A



7D5A84

# 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.



A46986



61845A



7078A9

# Square

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



61845A



25869E



90709B



A46E58

# Rectangle

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



61845A



2E8881



90709B



AA6875



# Sweetspot

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



61845A



9DAB9A



847D5A



4E574C



D6D6D6



575757



# Same Dimension

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



61845A



75AB6A



5A8468



3D423C



168200



000300



# Inverse Universe

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



7D5A84



A06AAB



845A76



413C42



6C0082



020003



# Previews

## White Background



This preview shows how the Hex color 61845A looks on a white background.

## Color Contrast Check

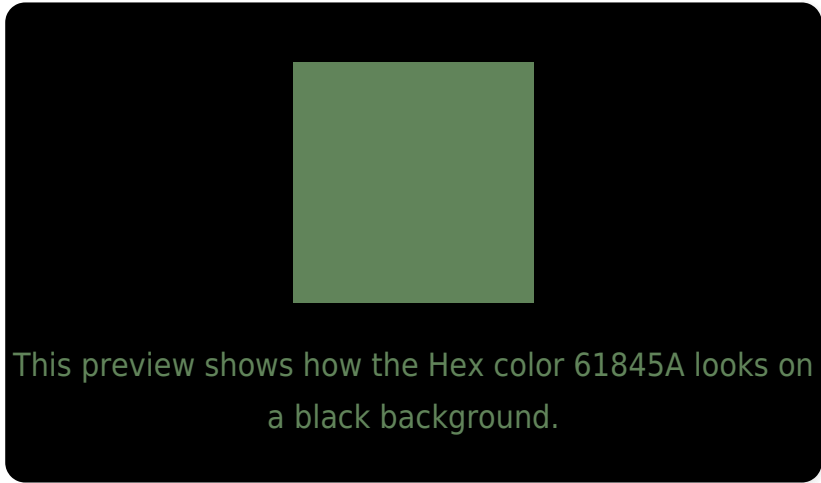
Large Text (above 18pt) WCAG AA ✓ Pass

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

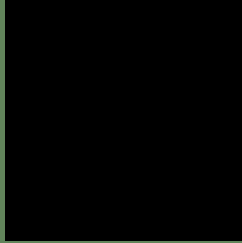
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 61845A Background



This preview shows how black text looks on a background with the Hex color 61845A.



This preview shows how white text looks on a background with the Hex color 61845A.

# 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**  
697E88

# Trichromacy



**Original Color**  
61845A

**Protanomaly**  
777E57

**Deuteranomaly**  
7F7B5C

**Tritanomaly**  
668077

# Monochromacy



**Original Color**  
61845A

**Achromatopsia**  
757575

**Achromatomaly**  
6E7A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61845A 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 #61845A looks like.

```
.text, #text, p{  
    color:#61845A  
}
```

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 #61845A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61845A
}
```

## Border

The CSS property to change the border of an element to Hex 61845A 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".

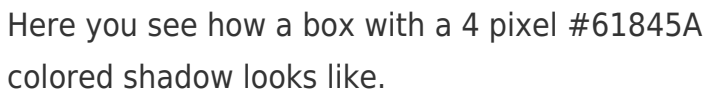
```
.border, #border, table{ border:4px solid
#61845A }
```

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

```
.border{ border-color:#61845A }
```

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

Here you see how a box with a 4 pixel #61845A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61845A; -webkit-box-shadow:4px 4px  
4px 4px #61845A; box-shadow:4px 4px 4px  
4px #61845A }
```

# Background

The CSS property to change the background color of an element to Hex 61845A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61845A }
```

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

```
.background{ background-color:#61845A }
```

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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