

# Converting Colors

Hex(66854E)

Have a look what the booklet for  
Hex(66854E) contains.

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# Color

**Hex(66854E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66854E
RGB	102, 133, 78
RGB Percent	40%, 52%, 31%
CMY	0.6000, 0.4784, 0.6941
CMYK	0.23, 0.00, 0.41, 0.48
HSL	94°, 26%, 41%
HSV	94°, 41%, 52%
XYZ	15.2422, 20.1499, 10.2937
YIQ	117.4610, -0.8210, -23.6770

# Conversions

## Conversions Part 2

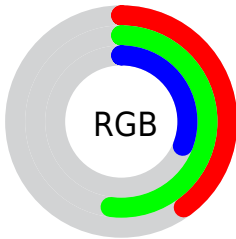
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 133, 109
Decimal	6718798
CIELab	52.01, -21.48, 26.14
CIElCh	52, 33.837, 129.412
Yxy	20.1499, 0.3336, 0.4411
Android (android.graphics.Color)	4284908878 (0xFF66854E)
YUV	117.4610, -19.4543, -13.5593
Hunter-Lab	44.8886, -17.9445, 17.8259

# Details

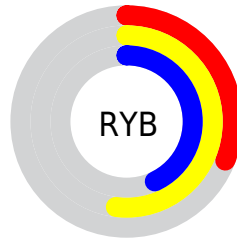
The Hex color **66854E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6D4E85**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9ABA80**, and **355320** is the 20% darker color. If you saturate the color by 10%, you get **5F8541**, and if you desaturate by 10%, it is **6D855B**.

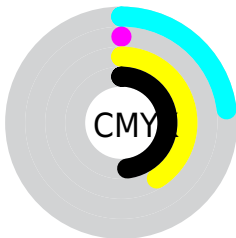
# Distribution



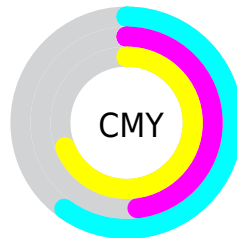
- Red (40%)
- Green (52%)
- Blue (31%)



- Red (31%)
- Yellow (52%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (41%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66854E 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 66854E by changing the saturation by 10% instead.



 66854E

 66854E

FFFFFF

 4D6C36

 9ABA80

 355320

 B5D69A

 1E3C09

 D1F3B5

 082600

 EEFFD1

 000D00

 FFFFED

 000000

 66854E

 66854E

 5F8541

 6D855B

 578533

 758569

 508526

 7C8576

 488519

 848583

 41850B

 8B8591

 3A8500

 93859E

 9A85AB

 A285B8

 A985C6

# Harmonies

## Analogous

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



857D42



66854E



408A67

# Triad

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



66854E



2085B2



B36574

# Complementary

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



66854E



6D4E85

# 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.



A76891



66854E



5F7CB5

# Square

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



66854E



008AA0



8B71A9



B06A59

# Rectangle

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



66854E



1C8B7A



8B71A9



B1657E



# Sweetspot

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



66854E



A2AD99



856C4E



50574B



D6D6D6



575757



# Same Dimension

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



66854E



7DAD57



4E8551



3F423C



398200



010300



# Inverse Universe

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



6D4E85



8857AD



854E82



3F3C42



490082



010003



# Previews

## White Background



This preview shows how the Hex color 66854E looks on a white background.

## Color Contrast Check

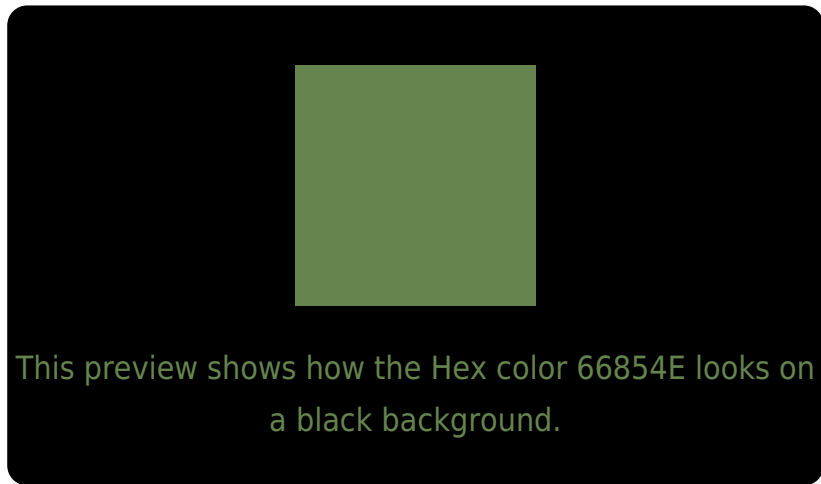
Large Text (above 18pt) WCAG AA ✓ Pass

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 66854E Background



This preview shows how black text looks on a background with the Hex color 66854E.



This preview shows how white text looks on a background with the Hex color 66854E.

# 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**  
66854E

**Protanopia**  
877C4A

**Deuteranopia**  
947651

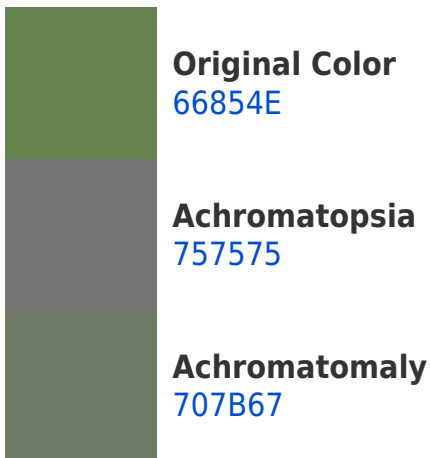


**Tritanopia**  
6F7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66854E 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 #66854E looks like.

```
.text, #text, p{  
    color:#66854E  
}
```

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 #66854E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66854E
}
```

## Border

The CSS property to change the border of an element to Hex 66854E 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".

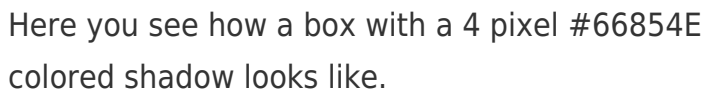
```
.border, #border, table{ border:4px solid
#66854E }
```

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

```
.border{ border-color:#66854E }
```

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

Here you see how a box with a 4 pixel #66854E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66854E; -webkit-box-shadow:4px 4px  
4px 4px #66854E; box-shadow:4px 4px 4px  
4px #66854E }
```

# Background

The CSS property to change the background color of an element to Hex 66854E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66854E }
```

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

```
.background{ background-color:#66854E }
```

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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