

# Converting Colors

Hex(65844D)

Have a look what the booklet for  
Hex(65844D) contains.

<b>Hex(65844D)</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(65844D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65844D
RGB	101, 132, 77
RGB Percent	40%, 52%, 30%
CMY	0.6039, 0.4824, 0.6980
CMYK	0.23, 0.00, 0.42, 0.48
HSL	94°, 26%, 41%
HSV	94°, 42%, 52%
XYZ	14.9576, 19.8051, 10.0556
YIQ	116.4610, -0.8210, -23.6770

# Conversions

## Conversions Part 2

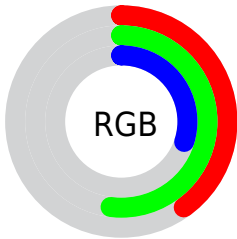
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 132, 108
Decimal	6653005
CIELab	51.62, -21.50, 26.18
CIELCh	52, 33.876, 129.399
Yxy	19.8051, 0.3337, 0.4419
Android (android.graphics.Color)	4284843085 (0xFF65844D)
YUV	116.4610, -19.4543, -13.5593
Hunter-Lab	44.5029, -17.8852, 17.7552

# Details

The Hex color **65844D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6C4D84**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **99B97F**, and **34521F** is the 20% darker color. If you saturate the color by 10%, you get **5E8440**, and if you desaturate by 10%, it is **6C845A**.

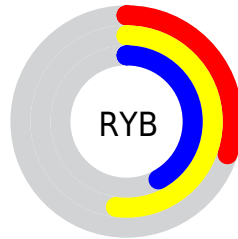
# Distribution



Red (40%)

Green (52%)

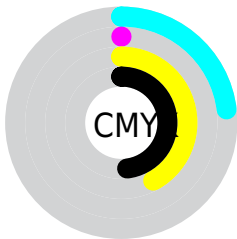
Blue (30%)



Red (30%)

Yellow (52%)

Blue (42%)

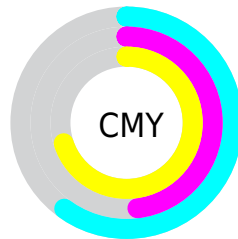


Cyan (23%)

Magenta (0%)

Yellow (42%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65844D 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 65844D by changing the saturation by 10% instead.



 65844D

 65844D

FFFFFF

 4C6B36

 99B97F

 34521F

 B4D599

 1D3B08

 D0F1B4

 062500

 EDFFD0

 000B00

 FFFFEC

 000000

 65844D

 65844D

 5E8440

 6C845A

 568433

 748467

 4F8425

 7B8475

 478418

 838482

 40840B

 8A848F

 3A8400

 92849C

 9984A9

 A184B7

 A884C4

# Harmonies

## Analogous

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



847C41



65844D



3F8966

# Triad

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



65844D



1D84B1



B26473

# Complementary

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



65844D



6C4D84

# 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.



A66790



65844D



5E7BB4

# Square

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



65844D



00899F



8A70A8



AF6958

# Rectangle

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



65844D



1A8A79



8A70A8



B0647D



# Sweetspot

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



65844D



9EAB95



846B4D



4F5749



D6D6D6



575757



# Same Dimension

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



65844D



7BAB55



4D8450



3F423C



398200



010300



# Inverse Universe

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



6C4D84



8655AB



844D81



3F3C42



490082



010003



# Previews

## White Background



This preview shows how the Hex color 65844D looks on a white background.

## Color Contrast Check

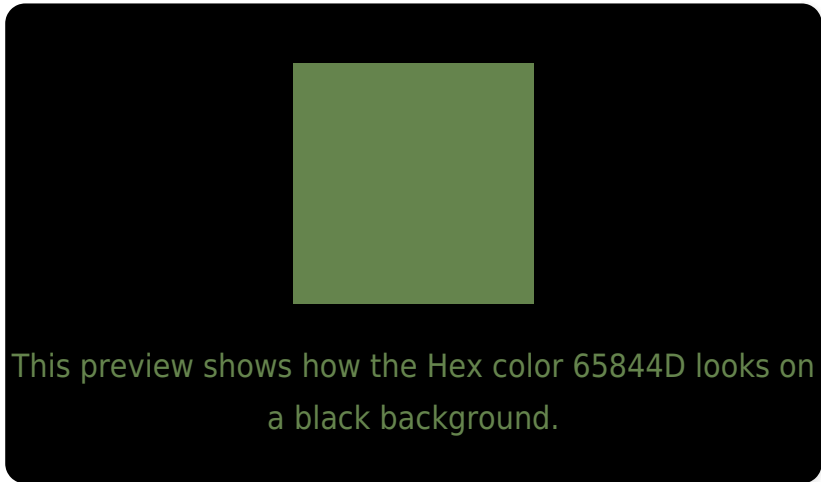
Large Text (above 18pt) WCAG AA ✓ Pass

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

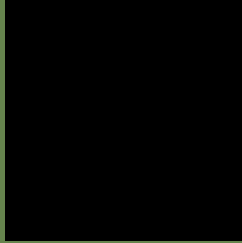
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65844D Background



This preview shows how black text looks on a background with the Hex color 65844D.



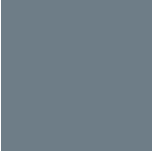
This preview shows how white text looks on a background with the Hex color 65844D.

# 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](#).

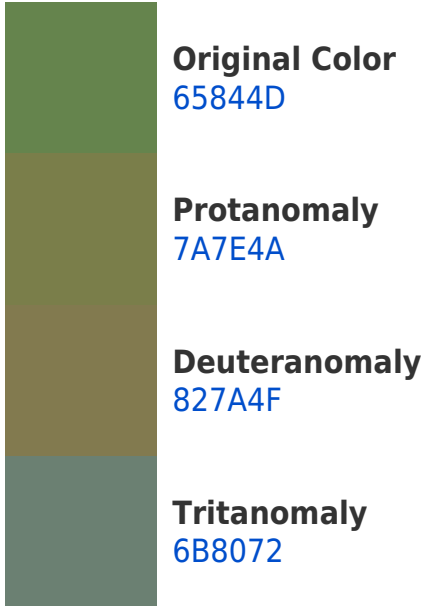
## Dichromacy



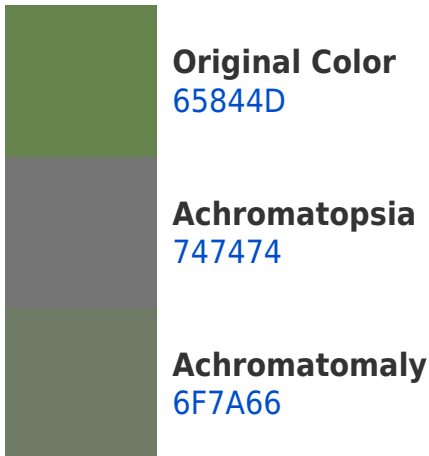


**Tritanopia**  
6E7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65844D 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 #65844D looks like.

```
.text, #text, p{  
    color:#65844D  
}
```

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 #65844D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65844D
}
```

## Border

The CSS property to change the border of an element to Hex 65844D 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
#65844D }
```

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

```
.border{ border-color:#65844D }
```

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

Here you see how a box with a 4 pixel #65844D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65844D; -webkit-box-shadow:4px 4px  
4px 4px #65844D; box-shadow:4px 4px 4px  
4px #65844D }
```

# Background

The CSS property to change the background color of an element to Hex 65844D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65844D }
```

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

```
.background{ background-color:#65844D }
```

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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