

# Converting Colors

Hex(65843F)

Have a look what the booklet for  
Hex(65843F) contains.

<b>Hex(65843F)</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(65843F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65843F
RGB	101, 132, 63
RGB Percent	40%, 52%, 25%
CMY	0.6039, 0.4824, 0.7529
CMYK	0.23, 0.00, 0.52, 0.48
HSL	87°, 35%, 38%
HSV	87°, 52%, 52%
XYZ	14.5153, 19.6281, 7.7262
YIQ	114.8650, 3.6730, -28.0310

# Conversions

## Conversions Part 2

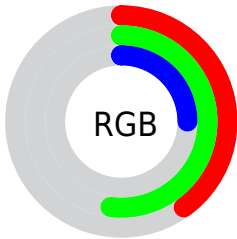
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 132, 94
Decimal	6652991
CIELab	51.41, -23.32, 33.43
CIELCh	51, 40.760, 124.897
Yxy	19.6281, 0.3467, 0.4688
Android (android.graphics.Color)	4284843071 (0xFF65843F)
YUV	114.8650, -25.5694, -12.1596
Hunter-Lab	44.3036, -19.0490, 20.6728

# Details

The Hex color **65843F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5E3F84**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AB970**, and **33520F** is the 20% darker color. If you saturate the color by 10%, you get **5F8432**, and if you desaturate by 10%, it is **6B844C**.

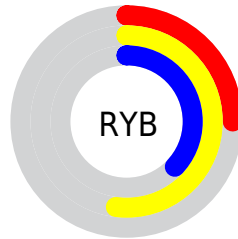
# Distribution



Red (40%)

Green (52%)

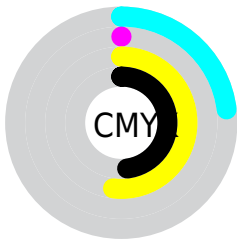
Blue (25%)



Red (25%)

Yellow (52%)

Blue (37%)

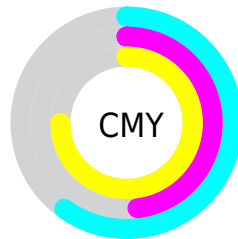


Cyan (23%)

Magenta (0%)

Yellow (52%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65843F 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 65843F by changing the saturation by 10% instead.





65843F



65843F

FFFFFF



4C6B27



9AB970



33520F



B5D58A



1C3B00



D1F1A5



012500



EDFFC1



000A00



FFFFDD



000000



FFFFF9



65843F



65843F



5F8432



6B844C

■ 598425

■ 718459

■ 538417

■ 778467

■ 4D840A

■ 7D8474

■ 498400

■ 838481

■ 89848E

■ 8F849B

■ 9484A9

■ 9A84B6

# Harmonies

## Analogous

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



897A32



65843F



348A5C

# Triad

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



65843F



0086B9



BB5D76

# Complementary

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



65843F



5E3F84

# 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.



AA6299



65843F



477CC0

# Square

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



65843F



008BA1



856FB4



B86255

# Rectangle

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



65843F



008C73



856FB4



B85D82



# Sweetspot

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



65843F



9FAB90



845D3F



4F5746



D6D6D6



575757



# Same Dimension

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



65843F



7AAB3F



44843F



3F423C



488200



010300



# Inverse Universe

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



5E3F84



703FAB



7F3F84



3F3C42



3A0082



010003



# Previews

## White Background



This preview shows how the Hex color 65843F looks on a white background.

## Color Contrast Check

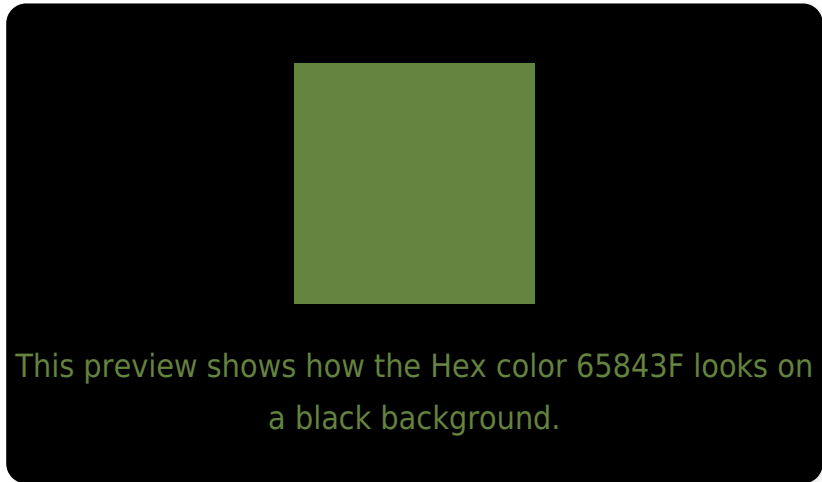
Large Text (above 18pt) WCAG AA ✓ Pass

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

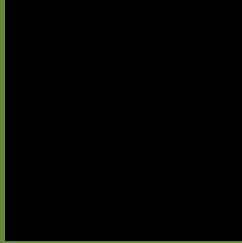
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65843F Background



This preview shows how black text looks on a background with the Hex color 65843F.



This preview shows how white text looks on a background with the Hex color 65843F.

# 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**  
65843F

**Protanopia**  
877A3C

**Deuteranopia**  
957443



**Tritanopia**  
6F7C86

# Trichromacy



**Original Color**  
65843F

**Protanomaly**  
7B7E3D

**Deuteranomaly**  
847A42

**Tritanomaly**  
6B7F6C

# Monochromacy



**Original Color**  
65843F

**Achromatopsia**  
737373

**Achromatomaly**  
6E7960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65843F 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 #65843F looks like.

```
.text, #text, p{  
    color:#65843F  
}
```

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 #65843F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65843F
}
```

## Border

The CSS property to change the border of an element to Hex 65843F 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
#65843F }
```

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

```
.border{ border-color:#65843F }
```

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

Here you see how a box with a 4 pixel #65843F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65843F; -webkit-box-shadow:4px 4px  
4px 4px #65843F; box-shadow:4px 4px 4px  
4px #65843F }
```

# Background

The CSS property to change the background color of an element to Hex 65843F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65843F }
```

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

```
.background{ background-color:#65843F }
```

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