

# Converting Colors

Hex(63833F)

Have a look what the booklet for  
Hex(63833F) contains.

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**Color**

**Hex(63833F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 63833F                     |
| RGB           | 99, 131, 63                |
| RGB Percent   | 39%, 51%, 25%              |
| CMY           | 0.6118, 0.4863, 0.7529     |
| CMYK          | 0.24, 0.00, 0.52, 0.49     |
| HSL           | 88°, 35%, 38%              |
| HSV           | 88°, 52%, 51%              |
| XYZ           | 14.1591, 19.2441, 7.6709   |
| YIQ           | 113.6800, 2.7560, -27.9320 |

# Conversions

## Conversions Part 2

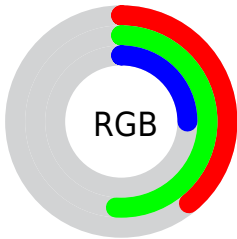
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 63, 131, 95                     |
| Decimal                             | 6521663                         |
| CIELab                              | 50.97, -23.62, 32.87            |
| CIELCh                              | 51, 40.471, 125.699             |
| Yxy                                 | 19.2441, 0.3447,<br>0.4685      |
| Android<br>(android.graphics.Color) | 4284711743<br>(0xFF63833F)      |
| YUV                                 | 113.6800, -24.9852,<br>-12.8744 |
| Hunter-Lab                          | 43.8681, -19.1557,<br>20.3401   |

# Details

The Hex color **63833F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F3F83**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97B870**, and **32510F** is the 20% darker color. If you saturate the color by 10%, you get **5D8332**, and if you desaturate by 10%, it is **69834C**.

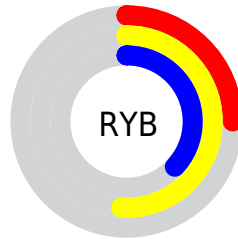
# Distribution



Red (39%)

Green (51%)

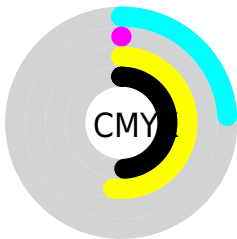
Blue (25%)



Red (25%)

Yellow (51%)

Blue (37%)

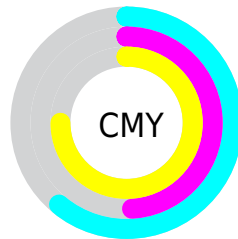


Cyan (24%)

Magenta (0%)

Yellow (52%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63833F 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 63833F by changing the saturation by 10% instead.





63833F



63833F

FFFFFF



4A6A27



97B870



32510F



B3D48A



1B3A00



CFF0A5



002400



EBFFC0



000700



FFFFDD



000000



FFFFF9



63833F



63833F




5D8332



69834C

 578325

 6F8359

 518318

 758366

 4A830B

 7C8373

 458300

 828381

 88838E

 8E839B

 9483A8

 9A83B5

# Harmonies

## Analogous

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



877A32



63833F



32895C

# Triad

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



63833F



0085B8



B95C74

# Complementary

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



63833F



5F3F83

# 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.



A96196



63833F



487BBE

# Square

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



63833F



008AA1



856EB2



B76153

# Rectangle

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



63833F



008B73



856EB2



B65C80



# Sweetspot

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



63833F



9EAB90



835F3F



4F5746



D6D6D6



575757



# Same Dimension

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



63833F



79AB41



41833F



3F423C



458200



010300



# Inverse Universe

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



5F3F83



7341AB



813F83



3F3C42



3D0082



010003



# Previews

## White Background



This preview shows how the Hex color 63833F looks on a white background.

## Color Contrast Check

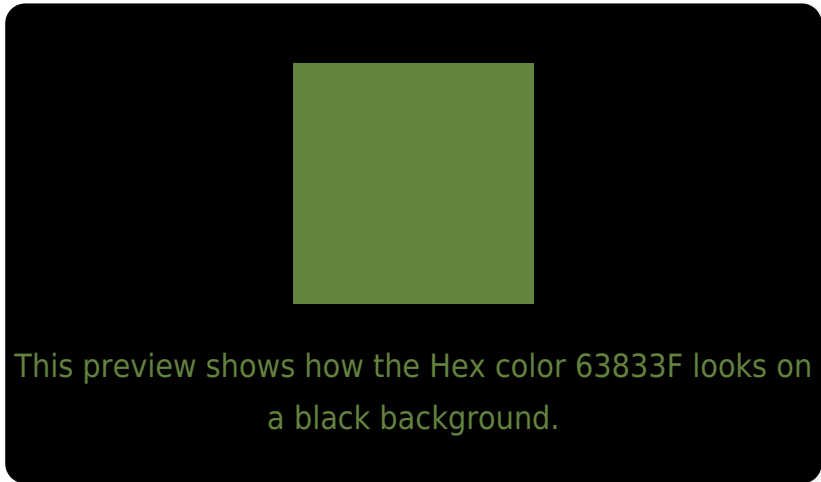
Large Text (above 18pt) WCAG AA ✓ Pass

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

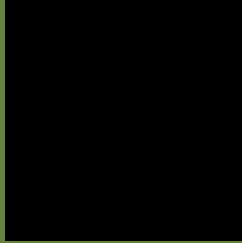
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 63833F Background



This preview shows how black text looks on a background with the Hex color 63833F.



This preview shows how white text looks on a background with the Hex color 63833F.

# 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**  
63833F

**Protanopia**  
86793C

**Deuteranopia**  
947343



**Tritanopia**  
6D7B85

# Trichromacy



**Original Color**  
63833F

**Protanomaly**  
797D3D

**Deuteranomaly**  
827942

**Tritanomaly**  
697E6C

# Monochromacy



**Original Color**  
63833F

**Achromatopsia**  
727272

**Achromatomaly**  
6D785F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63833F 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 #63833F looks like.

```
.text, #text, p{  
    color:#63833F  
}
```

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 #63833F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63833F
}
```

## Border

The CSS property to change the border of an element to Hex 63833F 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".

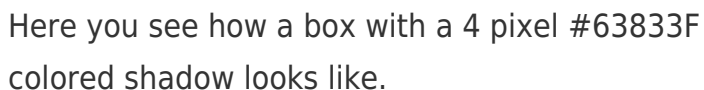
```
.border, #border, table{ border:4px solid
#63833F }
```

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

```
.border{ border-color:#63833F }
```

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

Here you see how a box with a 4 pixel #63833F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63833F; -webkit-box-shadow:4px 4px  
4px 4px #63833F; box-shadow:4px 4px 4px  
4px #63833F }
```

# Background

The CSS property to change the background color of an element to Hex 63833F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63833F }
```

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

```
.background{ background-color:#63833F }
```

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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