

# Converting Colors

Hex(688834)

Have a look what the booklet for  
Hex(688834) contains.

<b>Hex(688834)</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(688834)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	688834
RGB	104, 136, 52
RGB Percent	41%, 53%, 20%
CMY	0.5922, 0.4667, 0.7961
CMYK	0.24, 0.00, 0.62, 0.47
HSL	83°, 45%, 37%
HSV	83°, 62%, 53%
XYZ	15.1329, 20.7993, 6.4659
YIQ	116.8560, 7.8920, -32.9080

# Conversions

## Conversions Part 2

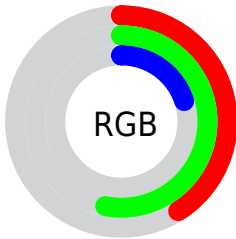
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 136, 84
Decimal	6850612
CIELab	52.73, -25.25, 40.47
CIELCh	53, 47.701, 121.960
Yxy	20.7993, 0.3569, 0.4906
Android (android.graphics.Color)	4285040692 (0xFF688834)
YUV	116.8560, -31.9740, -11.2747
Hunter-Lab	45.6063, -20.5817, 23.5185

# Details

The Hex color **688834** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **543488**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DBD66**, and **355600** is the 20% darker color. If you saturate the color by 10%, you get **638826**, and if you desaturate by 10%, it is **6D8842**.

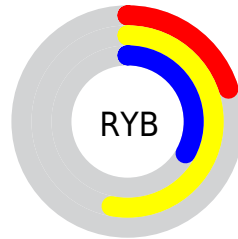
# Distribution



Red (41%)

Green (53%)

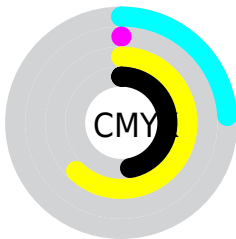
Blue (20%)



Red (20%)

Yellow (53%)

Blue (33%)

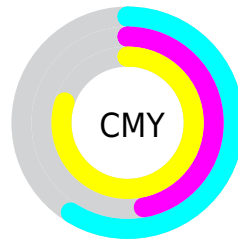


Cyan (24%)

Magenta (0%)

Yellow (62%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 688834 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 688834 by changing the saturation by 10% instead.





688834



688834

FFFFFF



4E6F1B



9DBD66



355600



B9D980



1E3E00



D5F69B



002800



F2FFB6



001100



FFFFD2



000000



FFFEEF



688834



688834



638826



6D8842

■ 5E8819

■ 72884F

■ 58880B

■ 78885D

■ 548800

■ 7D886A

■ 828878

■ 878886

■ 8C8893

■ 9188A1

■ 9788AE

# Harmonies

## Analogous

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



927D26



688834



2B8F56

# Triad

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



688834



008CC6



C7597D

# Complementary

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



688834



543488

# 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.



B261A5



688834



2781D0

# Square

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



688834



0091A8



8372C4



C65F55

# Rectangle

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



688834



009171



8372C4



C35A8B



# Sweetspot

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



688834



A3B08F



885334



515945



D9D9D9



595959



# Same Dimension

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



688834



7EB02E



3F8834



42453E



528500



030500



# Inverse Universe

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



543488



5F2EB0



7D3488



413E45



330085



020005



# Previews

## White Background



This preview shows how the Hex color 688834 looks on a white background.

## Color Contrast Check

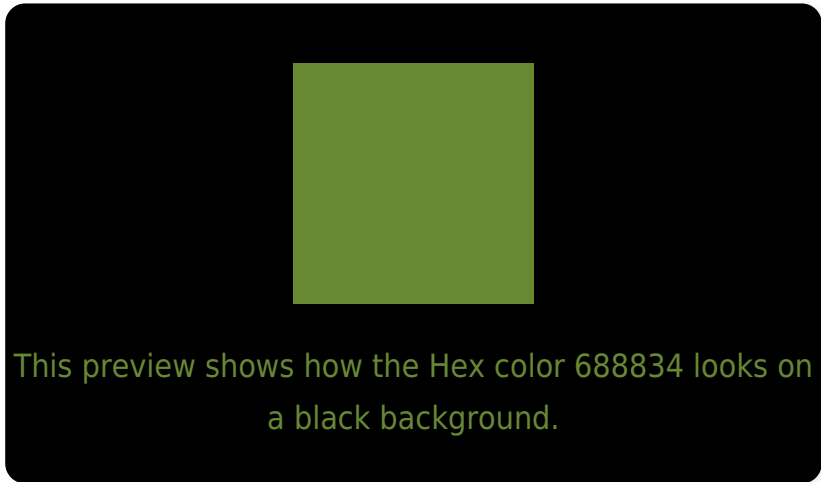
Large Text (above 18pt) WCAG AA ✓ Pass

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

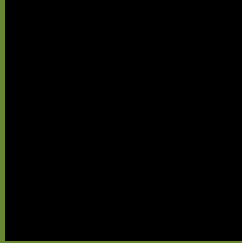
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 688834 Background



This preview shows how black text looks on a background with the Hex color 688834.



This preview shows how white text looks on a background with the Hex color 688834.

# 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**  
688834

**Protanopia**  
8C7E31

**Deuteranopia**  
9B7739

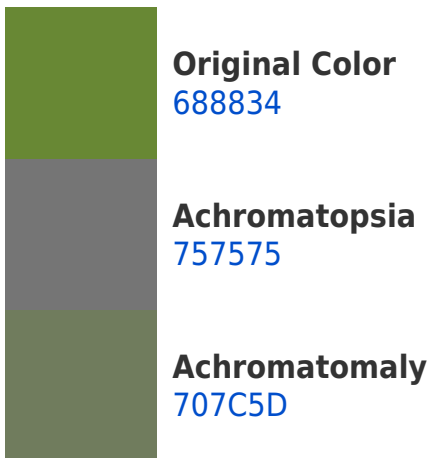


**Tritanopia**  
737F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 688834 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 #688834 looks like.

```
.text, #text, p{  
    color:#688834  
}
```

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 #688834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688834
}
```

## Border

The CSS property to change the border of an element to Hex 688834 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
#688834 }
```

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

```
.border{ border-color:#688834 }
```

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

Here you see how a box with a 4 pixel #688834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688834; -webkit-box-shadow:4px 4px  
4px 4px #688834; box-shadow:4px 4px 4px  
4px #688834 }
```

# Background

The CSS property to change the background color of an element to Hex 688834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688834 }
```

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

```
.background{ background-color:#688834 }
```

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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