

# Converting Colors

Hex(675817)

Have a look what the booklet for  
Hex(675817) contains.

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**Color**

**Hex(675817)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675817
RGB	103, 88, 23
RGB Percent	40%, 35%, 9%
CMY	0.5961, 0.6549, 0.9098
CMYK	0.00, 0.15, 0.78, 0.60
HSL	49°, 63%, 25%
HSV	49°, 78%, 40%
XYZ	9.2379, 9.9249, 2.2394
YIQ	85.0750, 29.8050, -17.0350

# Conversions

## Conversions Part 2

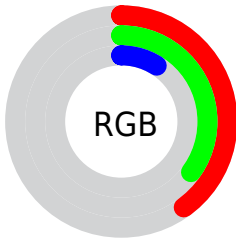
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 103, 23
Decimal	6772759
CIE Lab	37.71, -1.61, 37.80
CIE LCh	38, 37.836, 92.438
Yxy	9.9249, 0.4316, 0.4637
Android (android.graphics.Color)	4284962839 (0xFF675817)
YUV	85.0750, -30.6030, 15.7202
Hunter-Lab	31.5038, -2.7898, 17.8381

# Details

The Hex color **675817** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **172667**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9D8A47**, and **352B00** is the 20% darker color. If you saturate the color by 10%, you get **67560D**, and if you desaturate by 10%, it is **675A21**.

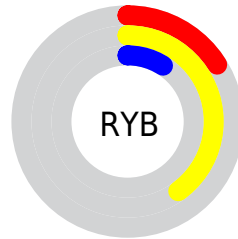
# Distribution



Red (40%)

Green (35%)

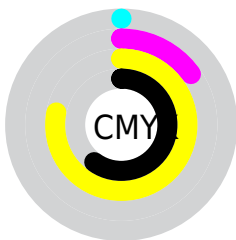
Blue (9%)



Red (16%)

Yellow (40%)

Blue (9%)

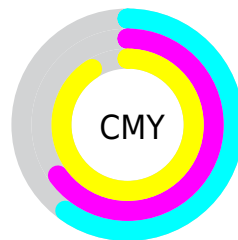


Cyan (0%)

Magenta (15%)

Yellow (78%)

Black (60%)



Cyan (60%)

Magenta (65%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675817 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 675817 by changing the saturation by 10% instead.



 675817

 675817

FFFFFF

 4D4100

 9D8A47

 352B00

 B9A460

 1C1700

 D5BF79

 000000

 F2DB94

 FFF7AF

 FFFFCA

 FFFF7E

 675817

 675817

■ 67560D

■ 675A21

■ 675402

■ 675C2C

■ 675400

■ 675E36

■ 676040

■ 67624B

■ 676455

■ 67665F

■ 676769

■ 676974

# Harmonies

## Analogous

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



7F4D22



675817



486022

# Triad

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



675817



006779



804376

# Complementary

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



675817



172667

# 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.



5D508D



675817



00638F

# Square

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



675817



00685A



185B96



903D57

# Rectangle

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



675817



2D6432



185B96



77477E



# Sweetspot

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



675817



878168



671727



454132



C4C4C4



454545



# Same Dimension

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



675817



877009



4F6717



33322E



735D00



F2C500



# Inverse Universe

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



172667



092187



2F1767



2E2F33



001673

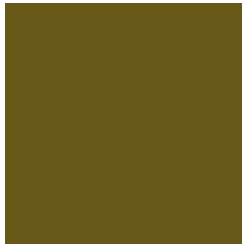


002DF2



# Previews

## White Background



This preview shows how the Hex color 675817 looks on a white background.

## Color Contrast Check

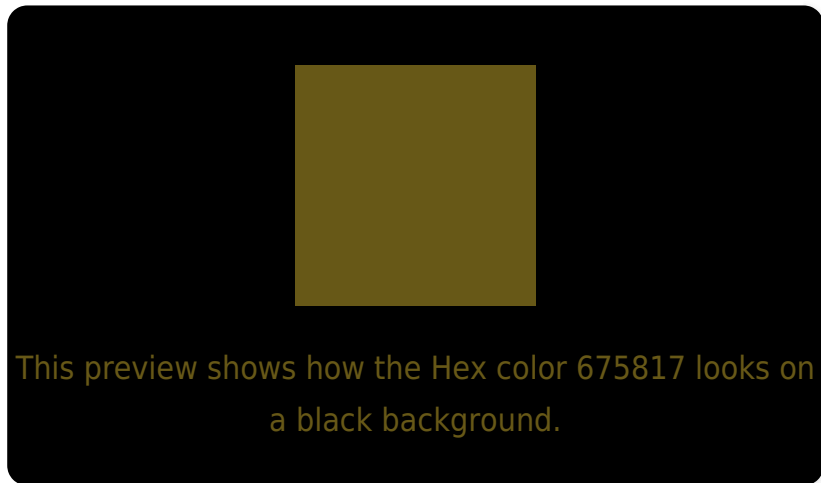
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

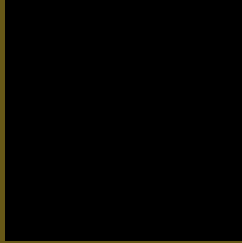
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675817 Background



This preview shows how black text looks on a background with the Hex color 675817.



This preview shows how white text looks on a background with the Hex color 675817.

# 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**  
675817

**Protanopia**  
645917

**Deuteranopia**  
705419



**Tritanopia**  
6C5258

# Trichromacy



**Original Color**  
675817

**Protanomaly**  
655917

**Deuteranomaly**  
6D5518

**Tritanomaly**  
6A5440

# Monochromacy



**Original Color**  
675817

**Achromatopsia**  
555555

**Achromatomaly**  
5C563E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675817 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 #675817 looks like.

```
.text, #text, p{  
    color:#675817  
}
```

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 #675817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675817
}
```

## Border

The CSS property to change the border of an element to Hex 675817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

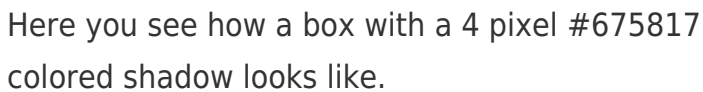
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675817 }
```

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

```
.border{ border-color:#675817 }
```

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



Here you see how a box with a 4 pixel #675817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675817; -webkit-box-shadow:4px 4px  
4px 4px #675817; box-shadow:4px 4px 4px  
4px #675817 }
```

# Background

The CSS property to change the background color of an element to Hex 675817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675817 }
```

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

```
.background{ background-color:#675817 }
```

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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