

# Converting Colors

Hex(67740D)

Have a look what the booklet for  
Hex(67740D) contains.

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**Color**

**Hex(67740D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67740D
RGB	103, 116, 13
RGB Percent	40%, 45%, 5%
CMY	0.5961, 0.5451, 0.9490
CMYK	0.11, 0.00, 0.89, 0.55
HSL	68°, 80%, 25%
HSV	68°, 89%, 45%
XYZ	11.9116, 15.4034, 2.7261
YIQ	100.3710, 25.3150, -34.7890

# Conversions

## Conversions Part 2

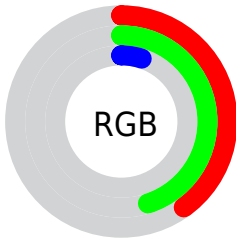
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 116, 26
Decimal	6779917
CIELab	46.18, -17.81, 48.70
CIELCh	46, 51.855, 110.088
Yxy	15.4034, 0.3965, 0.5127
Android (android.graphics.Color)	4284969997 (0xFF67740D)
YUV	100.3710, -43.0739, 2.3056
Hunter-Lab	39.2472, -14.5076, 23.3547

# Details

The Hex color **67740D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A0D74**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9DA845**, and **344400** is the 20% darker color. If you saturate the color by 10%, you get **667401**, and if you desaturate by 10%, it is **687419**.

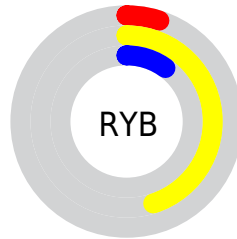
# Distribution



Red (40%)

Green (45%)

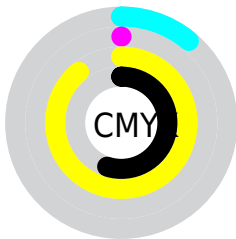
Blue (5%)



Red (5%)

Yellow (45%)

Blue (10%)

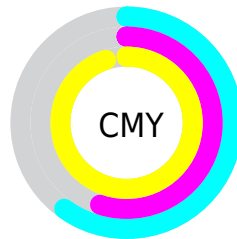


Cyan (11%)

Magenta (0%)

Yellow (89%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67740D 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 67740D by changing the saturation by 10% instead.





67740D



67740D

FFFFFF



4D5B00



9DA845



344400



B9C35F



1B2E00



D5DF79



001B00



F3FC94



000000



FFFFAF



FFFFCB



FFFFE8



67740D



67740D

■ 667401

■ 687419

■ 657400

■ 6A7424

■ 6B7430

■ 6D743B

■ 6E7447

■ 707453

■ 71745E

■ 73746A

■ 747475

# Harmonies

## Analogous

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



8F660A



67740D



2F7D32

# Triad

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



67740D



007FAF



B4447E

# Complementary

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



67740D



1A0D74

# 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.



9355A6



67740D



0077C3

# Square

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



67740D



00828A



5168BF



BB4552

# Rectangle

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



67740D



00804E



5168BF



AC498C



# Sweetspot

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



67740D



91966E



74190D



494D34



CCCCCC



4D4D4D



# Same Dimension

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



67740D



839600



34740D



3A3B35



6B7A00



DAFA00



# Inverse Universe

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



1A0D74



130096



4D0D74



36353B



0F007A



2000FA



# Previews

## White Background



This preview shows how the Hex color 67740D looks on a white background.

## Color Contrast Check

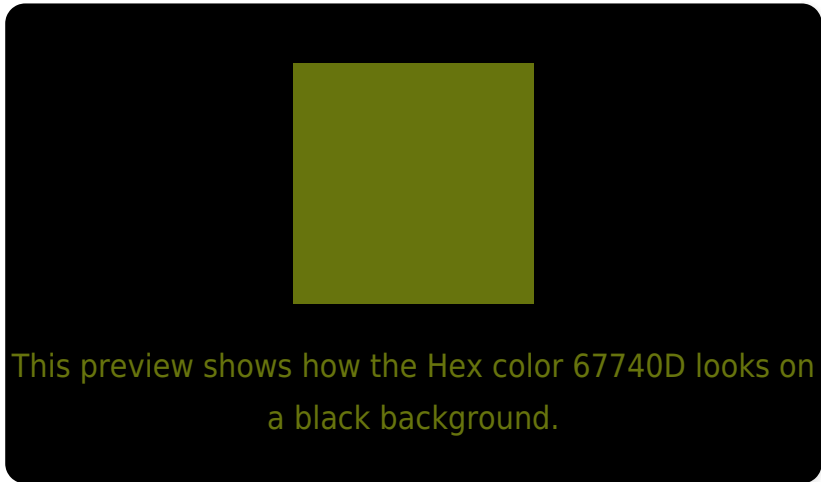
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 67740D Background



This preview shows how black text looks on a background with the Hex color 67740D.



This preview shows how white text looks on a background with the Hex color 67740D.

# 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**  
67740D

**Protanopia**  
7B6E0B

**Deuteranopia**  
8A6817



**Tritanopia**  
706C74

# Trichromacy



**Original Color**  
67740D

**Protanomaly**  
74700C

**Deuteranomaly**  
7D6C13

**Tritanomaly**  
6D6F4F

# Monochromacy



**Original Color**  
67740D

**Achromatopsia**  
646464

**Achromatomaly**  
656A44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67740D 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 #67740D looks like.

```
.text, #text, p{  
    color:#67740D  
}
```

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 #67740D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67740D
}
```

## Border

The CSS property to change the border of an element to Hex 67740D 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
#67740D }
```

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

```
.border{ border-color:#67740D }
```

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

Here you see how a box with a 4 pixel #67740D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67740D; -webkit-box-shadow:4px 4px  
4px 4px #67740D; box-shadow:4px 4px 4px  
4px #67740D }
```

# Background

The CSS property to change the background color of an element to Hex 67740D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67740D }
```

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

```
.background{ background-color:#67740D }
```

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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