

# Converting Colors

Hex(73701F)

Have a look what the booklet for  
Hex(73701F) contains.

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**Color**

**Hex(73701F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73701F
RGB	115, 112, 31
RGB Percent	45%, 44%, 12%
CMY	0.5490, 0.5608, 0.8784
CMYK	0.00, 0.03, 0.73, 0.55
HSL	58°, 58%, 29%
HSV	58°, 73%, 45%
XYZ	13.1117, 15.3321, 3.5647
YIQ	103.6630, 27.7890, -24.5550

# Conversions

## Conversions Part 2

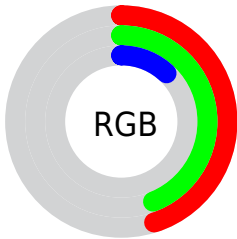
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 115, 31
Decimal	7565343
CIELab	46.09, -9.26, 43.06
CIElCh	46, 44.048, 102.135
Yxy	15.3321, 0.4096, 0.4790
Android (android.graphics.Color)	4285755423 (0xFF73701F)
YUV	103.6630, -35.8229, 9.9425
Hunter-Lab	39.1562, -8.7515, 22.0118

# Details

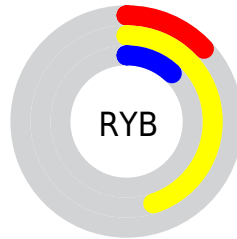
The Hex color **73701F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F2273**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A9A351**, and **404000** is the 20% darker color. If you saturate the color by 10%, you get **737014**, and if you desaturate by 10%, it is **73702B**.

# Distribution



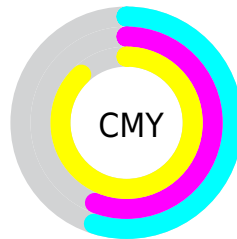
- Red (45%)
- Green (44%)
- Blue (12%)



- Red (13%)
- Yellow (45%)
- Blue (12%)



- Cyan (0%)
- Magenta (3%)
- Yellow (73%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73701F 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 73701F by changing the saturation by 10% instead.





73701F



73701F

FFFFFF



595801



A9A351



404000



C5BE6A



272B00



E2DA85



0A1700



FFF79F



000000



FFFFBB



FFFFD7



FFFFF4



73701F



73701F

■ 737014

■ 73702B

■ 736F08

■ 737136

■ 736F00

■ 737142

■ 73724D

■ 737259

■ 737264

■ 737370

■ 73737B

■ 737487

# Harmonies

## Analogous

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



936324



73701F



4A7933

# Triad

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



73701F



007D9E



A54F85

# Complementary

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



73701F



1F2273

# 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.



835DA4



73701F



0077B3

# Square

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



73701F



007F7C



446CB5



B14C60

# Rectangle

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



73701F



217C49



446CB5



9C5390



# Sweetspot

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



73701F



969575



731F23



4D4C39



CCCCCC



4D4D4D



# Same Dimension

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



73701F



969212



4D731F



3B3A35



7A7600



FAF100



# Inverse Universe

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



1F2273



121796



451F73



35353B



00047A



0009FA



# Previews

## White Background



This preview shows how the Hex color 73701F looks on a white background.

## Color Contrast Check

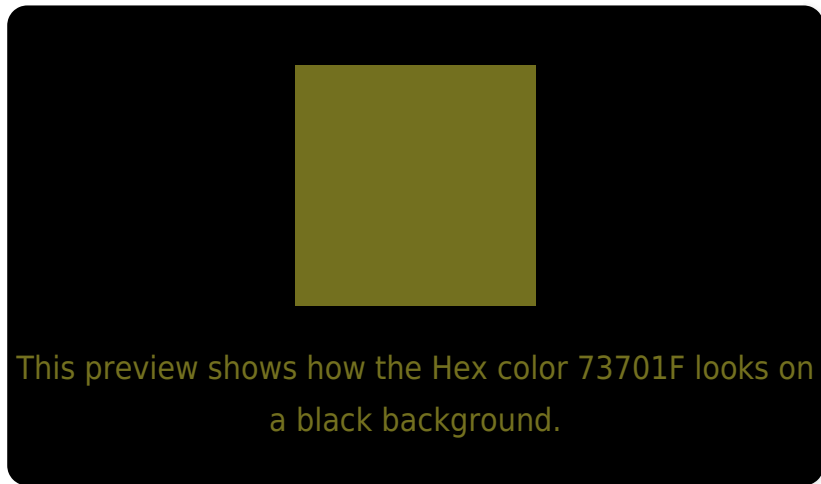
Large Text (above 18pt) WCAG AA ✓ Pass

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

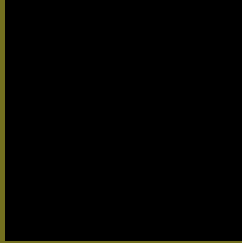
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73701F Background



This preview shows how black text looks on a background with the Hex color 73701F.



This preview shows how white text looks on a background with the Hex color 73701F.

# 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**  
73701F

**Protanopia**  
7B6D1E

**Deuteranopia**  
896822



**Tritanopia**  
7A6971

# Trichromacy



**Original Color**  
73701F

**Protanomaly**  
786E1E

**Deuteranomaly**  
816B21

**Tritanomaly**  
776C53

# Monochromacy



**Original Color**  
73701F

**Achromatopsia**  
686868

**Achromatomaly**  
6C6B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73701F 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 #73701F looks like.

```
.text, #text, p{  
    color:#73701F  
}
```

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 #73701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73701F
}
```

## Border

The CSS property to change the border of an element to Hex 73701F 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
#73701F }
```

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

```
.border{ border-color:#73701F }
```

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

Here you see how a box with a 4 pixel #73701F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73701F; -webkit-box-shadow:4px 4px  
4px 4px #73701F; box-shadow:4px 4px 4px  
4px #73701F }
```

# Background

The CSS property to change the background color of an element to Hex 73701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73701F }
```

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

```
.background{ background-color:#73701F }
```

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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