

# Converting Colors

Hex(71660F)

Have a look what the booklet for  
Hex(71660F) contains.

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**Color**

**Hex(71660F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71660F
RGB	113, 102, 15
RGB Percent	44%, 40%, 6%
CMY	0.5569, 0.6000, 0.9412
CMYK	0.00, 0.10, 0.87, 0.56
HSL	53°, 77%, 25%
HSV	53°, 87%, 44%
XYZ	11.6476, 13.0479, 2.3565
YIQ	95.3710, 34.4830, -24.7250

# Conversions

## Conversions Part 2

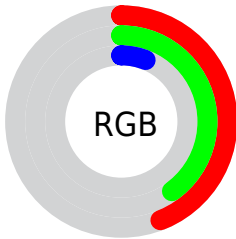
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 113, 15
Decimal	7431695
CIE <sub>Lab</sub>	42.84, -5.25, 45.70
CIE <sub>LCh</sub>	43, 46.005, 96.550
Yxy	13.0479, 0.4306, 0.4823
Android (android.graphics.Color)	4285621775 (0xFF71660F)
YUV	95.3710, -39.6229, 15.4606
Hunter-Lab	36.1219, -5.6554, 21.4174

# Details

The Hex color **71660F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F1A71**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A89944**, and **3D3800** is the 20% darker color. If you saturate the color by 10%, you get **716504**, and if you desaturate by 10%, it is **71671A**.

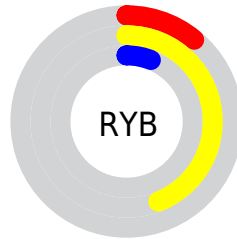
# Distribution



Red (44%)

Green (40%)

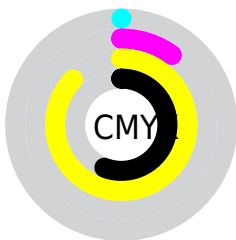
Blue (6%)



Red (11%)

Yellow (44%)

Blue (6%)

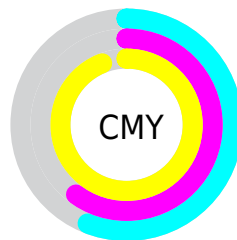


Cyan (0%)

Magenta (10%)

Yellow (87%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71660F 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 71660F by changing the saturation by 10% instead.





71660F



71660F

FFFFFF



574E00



A89944



3D3800



C4B35D



242200



E1CF77



020E00



FFEB91



000000



FFFFAD



FFFFC9



FFFFE5



71660F



71660F

■ 716504

■ 71671A

■ 716400

■ 716926

■ 716A31

■ 716B3C

■ 716C48

■ 716E53

■ 716F5E

■ 717069

■ 717175

# Harmonies

## Analogous

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



90581C



71660F



497023

# Triad

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



71660F



007692



994784

# Complementary

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



71660F



0F1A71

# 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.



7157A3



71660F



0071AB

# Square

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



71660F



00776D



1A67B1



AA415E

# Rectangle

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



71660F



217439



1A67B1



8F4C90



# Sweetspot

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



71660F



94906D



710F1A



4A4733



C9C9C9



4A4A4A



# Same Dimension

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



71660F



948300



4B710F



383732



786A00



F7DC00



# Inverse Universe

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



0F1A71



001194



350F71



323338



000D78

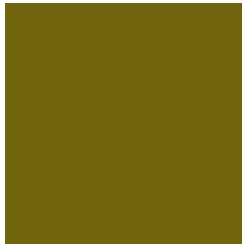


001CF7



# Previews

## White Background



This preview shows how the Hex color 71660F looks on a white background.

## Color Contrast Check

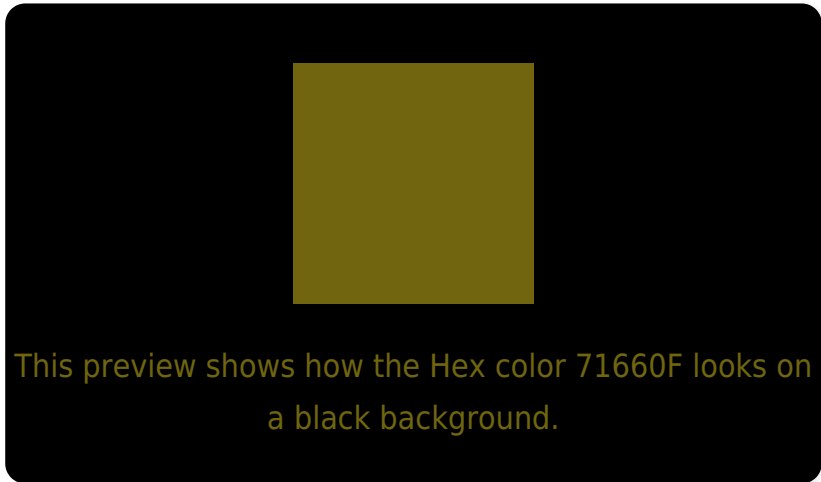
Large Text (above 18pt) WCAG AA ✓ Pass

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 71660F Background



This preview shows how black text looks on a background with the Hex color 71660F.



This preview shows how white text looks on a background with the Hex color 71660F.

# 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**  
71660F

**Protanopia**  
72660F

**Deuteranopia**  
806013



**Tritanopia**  
775F66

# Trichromacy



**Original Color**  
71660F

**Protanomaly**  
72660F

**Deuteranomaly**  
7B6212

**Tritanomaly**  
756246

# Monochromacy



**Original Color**  
71660F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
666242

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71660F 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 #71660F looks like.

```
.text, #text, p{  
    color:#71660F  
}
```

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 #71660F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71660F
}
```

## Border

The CSS property to change the border of an element to Hex 71660F is called "border". The border property can be set on classes, ids or directly on the HTML element.

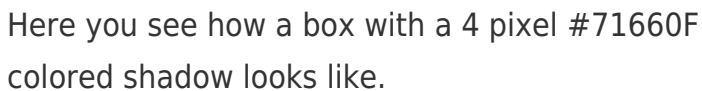
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71660F }
```

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

```
.border{ border-color:#71660F }
```

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



Here you see how a box with a 4 pixel #71660F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71660F; -webkit-box-shadow:4px 4px  
4px 4px #71660F; box-shadow:4px 4px 4px  
4px #71660F }
```

# Background

The CSS property to change the background color of an element to Hex 71660F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71660F }
```

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

```
.background{ background-color:#71660F }
```

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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