

# Converting Colors

Hex(700F0C)

Have a look what the booklet for  
Hex(700F0C) contains.

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# Color

**Hex(700F0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700F0C
RGB	112, 15, 12
RGB Percent	44%, 6%, 5%
CMY	0.5608, 0.9412, 0.9529
CMYK	0.00, 0.87, 0.89, 0.56
HSL	2°, 81%, 24%
HSV	2°, 89%, 44%
XYZ	6.9193, 3.8129, 0.7191
YIQ	43.6610, 58.7750, 19.6310

# Conversions

## Conversions Part 2

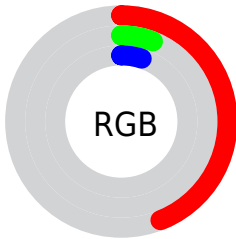
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 15, 12
Decimal	7343884
CIE Lab	23.04, 40.49, 29.44
CIE LCh	23, 50.060, 36.027
Yxy	3.8129, 0.6042, 0.3330
Android (android.graphics.Color)	4285533964 (0xFF700F0C)
YUV	43.6610, -15.6089, 59.9333
Hunter-Lab	19.5267, 29.0794, 11.4853

# Details

The Hex color **700F0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C6D70**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AA4637**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **700401**, and if you desaturate by 10%, it is **701A17**.

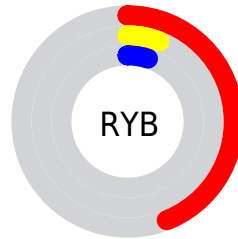
# Distribution



Red (44%)

Green (6%)

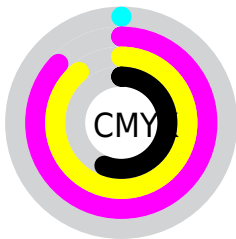
Blue (5%)



Red (44%)

Yellow (6%)

Blue (5%)

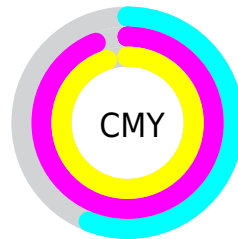


Cyan (0%)

Magenta (87%)

Yellow (89%)

Black (56%)



Cyan (56%)

Magenta (94%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700F0C 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 700F0C by changing the saturation by 10% instead.



 700F0C

 700F0C

 FFFFED

 540000

 AA4637

 380000

 C85F4E

 170000

 E77967

 000000

 FF9480

 FFAF9A

 FFCCB5

 FFE8D0

 700F0C

 700F0C

■ 700401

■ 701A17

■ 700300

■ 702522

■ 70302E

■ 703A39

■ 704544

■ 70504F

■ 705B5A

■ 706666

■ 707171

# Harmonies

## Analogous

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



760031



700F0C



5C2900

# Triad

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



700F0C



004416



003A83

# Complementary

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



700F0C



0C6D70

# 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.



00437C



700F0C



00463E

# Square

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



700F0C



154000



004662



3D2874

# Rectangle

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



700F0C



493400



004662



003E83



# Sweetspot

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



700F0C



916B6A



700C6E



4A3332



C9C9C9



4A4A4A



# Same Dimension

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



700F0C



910400



70400C



383332



780400



F70700



# Inverse Universe

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



0C6D70



008D91



0C3C70



323838



007478

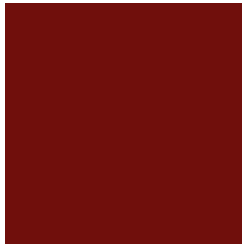


00F0F7



# Previews

## White Background



This preview shows how the Hex color 700F0C looks on a white background.

## Color Contrast Check

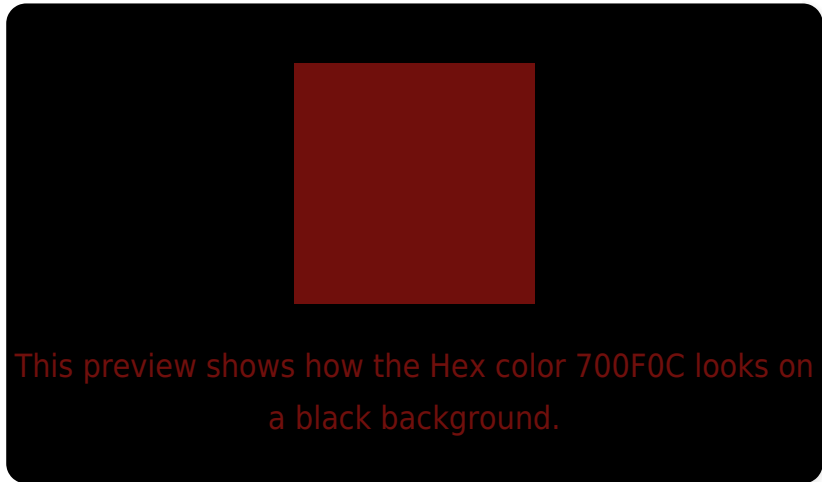
Large Text (above 18pt) WCAG AA ✓ Pass

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 700F0C Background



This preview shows how black text looks on a background with the Hex color 700F0C.



This preview shows how white text looks on a background with the Hex color 700F0C.

# 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**  
700F0C

**Protanopia**  
403A15

**Tritanopia**  
700F0D

# Trichromacy

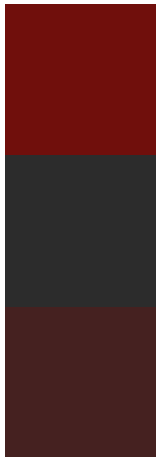


**Original Color**  
700F0C

**Protanomaly**  
512A12

**Tritanomaly**  
700F0D

# Monochromacy



**Original Color**  
700F0C

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
452120

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700F0C 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 #700F0C looks like.

```
.text, #text, p{  
    color:#700F0C  
}
```

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 #700F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700F0C
}
```

## Border

The CSS property to change the border of an element to Hex 700F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

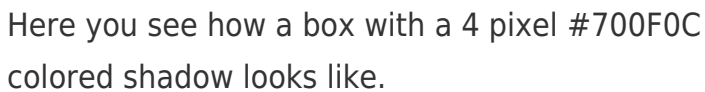
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700F0C }
```

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

```
.border{ border-color:#700F0C }
```

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



Here you see how a box with a 4 pixel #700F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700F0C; -webkit-box-shadow:4px 4px  
4px 4px #700F0C; box-shadow:4px 4px 4px  
4px #700F0C }
```

# Background

The CSS property to change the background color of an element to Hex 700F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700F0C }
```

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

```
.background{ background-color:#700F0C }
```

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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