

# Converting Colors

Hex(750F05)

Have a look what the booklet for  
Hex(750F05) contains.

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# Color

**Hex(750F05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	750F05
RGB	117, 15, 5
RGB Percent	46%, 6%, 2%
CMY	0.5412, 0.9412, 0.9804
CMYK	0.00, 0.87, 0.96, 0.54
HSL	5°, 92%, 24%
HSV	5°, 96%, 46%
XYZ	7.5343, 4.1345, 0.5445
YIQ	44.3580, 64.0020, 18.5140

# Conversions

## Conversions Part 2

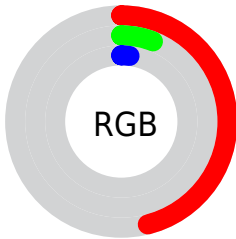
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 16, 5
Decimal	7671557
CIELab	24.11, 41.89, 33.78
CIElCh	24, 53.817, 38.883
Yxy	4.1345, 0.6169, 0.3385
Android (android.graphics.Color)	4285861637 (0xFF750F05)
YUV	44.3580, -19.4035, 63.7070
Hunter-Lab	20.3335, 30.5574, 12.6457

# Details

The Hex color **750F05** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **056B75**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B04632**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **750A00**, and if you desaturate by 10%, it is **751A11**.

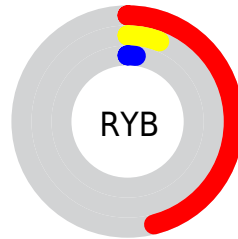
# Distribution



Red (46%)

Green (6%)

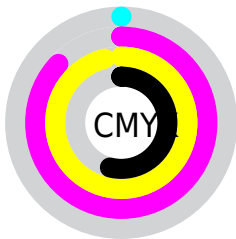
Blue (2%)



Red (46%)

Yellow (6%)

Blue (2%)

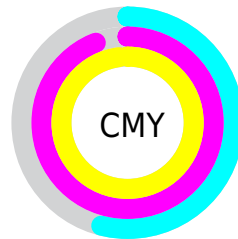


Cyan (0%)

Magenta (87%)

Yellow (96%)

Black (54%)



Cyan (54%)

Magenta (94%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 750F05 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 750F05 by changing the saturation by 10% instead.



 750F05

 750F05

 FFFFE7

 580000

 B04632

 3C0000

 CE6049

 1E0001

 ED7B61

 000000

 FF957B

 FFB195

 FFCDAF

 FFEACB

 750F05

 750F05

■ 750A00

■ 751A11

■ 75241C

■ 752F28

■ 753A34

■ 754440

■ 754F4B

■ 755A57

■ 756463

■ 756F6E

# Harmonies

## Analogous

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



7D002F



750F05



5E2C00

# Triad

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



750F05



00481A



003B8B

# Complementary

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



750F05



056B75

# 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.



004686



750F05



004945

# Square

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



750F05



094400



00496C



462779

# Rectangle

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



750F05



493700



00496C



00408C



# Sweetspot

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



750F05



99716D



75056C



4D3432



CCCCCC



4D4D4D



# Same Dimension

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



750F05



990E00



754605



3B3535



7A0B00



FA1600



# Inverse Universe

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



056B75



008B99



053475



353A3B



006F7A

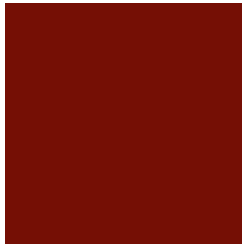


00E4FA



# Previews

## White Background



This preview shows how the Hex color 750F05 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

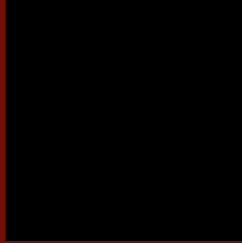
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 750F05 Background



This preview shows how black text looks on a background with the Hex color 750F05.



This preview shows how white text looks on a background with the Hex color 750F05.

# 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**  
750F05

**Protanopia**  
433C10

**Deuteranopia**  
4C3900



# Trichromacy



**Original Color**  
750F05

**Protanomaly**  
552C0C

**Deuteranomaly**  
5B2A02

**Tritanomaly**  
750E09

# Monochromacy



**Original Color**  
750F05

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
47211E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 750F05 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 #750F05 looks like.

```
.text, #text, p{  
    color:#750F05  
}
```

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 #750F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750F05
}
```

## Border

The CSS property to change the border of an element to Hex 750F05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

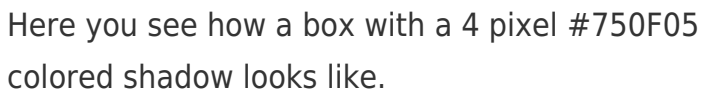
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#750F05 }
```

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

```
.border{ border-color:#750F05 }
```

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



Here you see how a box with a 4 pixel #750F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750F05; -webkit-box-shadow:4px 4px  
4px 4px #750F05; box-shadow:4px 4px 4px  
4px #750F05 }
```

# Background

The CSS property to change the background color of an element to Hex 750F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750F05 }
```

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

```
.background{ background-color:#750F05 }
```

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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