

# Converting Colors

Hex(773D0D)

Have a look what the booklet for  
Hex(773D0D) contains.

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**Color**

**Hex(773D0D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773D0D
RGB	119, 61, 13
RGB Percent	47%, 24%, 5%
CMY	0.5333, 0.7608, 0.9490
CMYK	0.00, 0.49, 0.89, 0.53
HSL	27°, 80%, 26%
HSV	27°, 89%, 47%
XYZ	9.3491, 7.2885, 1.2948
YIQ	72.8700, 49.9760, -2.6320

# Conversions

## Conversions Part 2

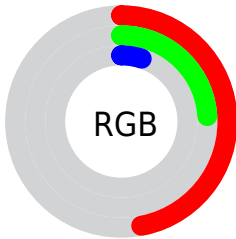
Format	Color
R <sub>Y</sub> B	119, 101, 13
Decimal	7814413
CIE Lab	32.45, 21.95, 37.89
CIE LCh	32, 43.790, 59.918
Yxy	7.2885, 0.5214, 0.4064
Android (android.graphics.Color)	4286004493 (0xFF773D0D)
YUV	72.8700, -29.5159, 40.4560
Hunter-Lab	26.9972, 14.5695, 16.0544

# Details

The Hex color **773D0D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4777**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B06D3C**, and **401100** is the 20% darker color. If you saturate the color by 10%, you get **773601**, and if you desaturate by 10%, it is **774419**.

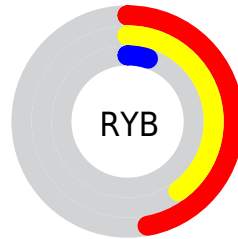
# Distribution



Red (47%)

Green (24%)

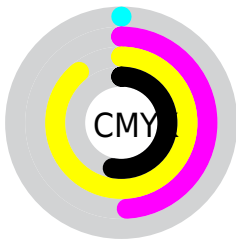
Blue (5%)



Red (47%)

Yellow (40%)

Blue (5%)

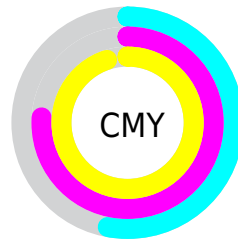


Cyan (0%)

Magenta (49%)

Yellow (89%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 773D0D 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 773D0D by changing the saturation by 10% instead.



 773D0D

 773D0D

 FFFFF6

 5C2600

 B06D3C

 401100

 CD8754

 280000

 EBA16D

 000000

 FFBC87

 FFD8A2

 FFF5BD

 FFFFD9

 773D0D

 773D0D

■ 773601

■ 774419

■ 773600

■ 774A25

■ 775131

■ 77573D

■ 775E48

■ 776454

■ 776B60

■ 77716C

■ 777878

# Harmonies

## Analogous

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



872E2C



773D0D



5D4B00

# Triad

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



773D0D



005C4B



4A4389

# Complementary

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



773D0D



0D4777

# 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.



005192



773D0D



005C6E

# Square

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



773D0D



005A28



005888



75336F

# Rectangle

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



773D0D



475200



005888



32488E



# Sweetspot

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



773D0D



9C8572



770D47



4F4136



CFCFCF



4F4F4F



# Same Dimension

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



773D0D



9C4600



77720D



3B3735



7A3700



FA7100



# Inverse Universe

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



0D4777



00559C



0D1277



35383B



00437A

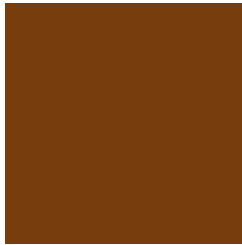


0089FA



# Previews

## White Background



This preview shows how the Hex color 773D0D 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 773D0D Background



This preview shows how black text looks on a background with the Hex color 773D0D.



This preview shows how white text looks on a background with the Hex color 773D0D.

# 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**  
773D0D

**Protanopia**  
574D11

**Deuteranopia**  
614900



**Tritanopia**  
79393D

# Trichromacy



**Original Color**  
773D0D

**Protanomaly**  
634710

**Deuteranomaly**  
694505

**Tritanomaly**  
783A2C

# Monochromacy



**Original Color**  
773D0D

**Achromatopsia**  
494949

**Achromatomaly**  
5A4533

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 773D0D 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 #773D0D looks like.

```
.text, #text, p{  
    color:#773D0D  
}
```

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 #773D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773D0D
}
```

## Border

The CSS property to change the border of an element to Hex 773D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

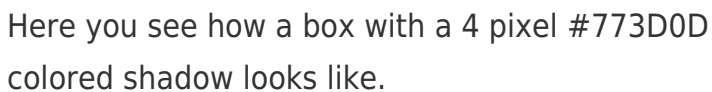
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#773D0D }
```

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

```
.border{ border-color:#773D0D }
```

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



Here you see how a box with a 4 pixel `#773D0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773D0D; -webkit-box-shadow:4px 4px  
4px 4px #773D0D; box-shadow:4px 4px 4px  
4px #773D0D }
```

# Background

The CSS property to change the background color of an element to Hex 773D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773D0D }
```

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

```
.background{ background-color:#773D0D }
```

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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