

# Converting Colors

Hex(773701)

Have a look what the booklet for  
Hex(773701) contains.

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**Color**

**Hex(773701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773701
RGB	119, 55, 1
RGB Percent	47%, 22%, 0%
CMY	0.5333, 0.7843, 0.9961
CMYK	0.00, 0.54, 0.99, 0.53
HSL	27°, 98%, 24%
HSV	27°, 99%, 47%
XYZ	8.9794, 6.6565, 0.8403
YIQ	67.9800, 55.4780, -3.2260

# Conversions

## Conversions Part 2

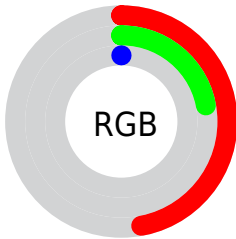
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 101, 1
Decimal	7812865
CIE <sub>Lab</sub>	31.01, 25.09, 41.45
CIE <sub>LCh</sub>	31, 48.450, 58.817
Yxy	6.6565, 0.5450, 0.4040
Android (android.graphics.Color)	4286002945 (0xFF773701)
YUV	67.9800, -33.0211, 44.7445
Hunter-Lab	25.8002, 16.9742, 16.1291

# Details

The Hex color **773701** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **014177**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B16732**, and **3F0900** is the 20% darker color. If you saturate the color by 10%, you get **773600**, and if you desaturate by 10%, it is **773D0D**.

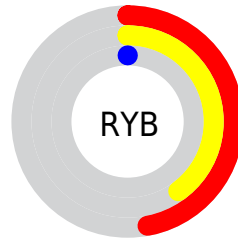
# Distribution



Red (47%)

Green (22%)

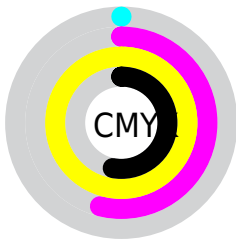
Blue (0%)



Red (47%)

Yellow (40%)

Blue (0%)

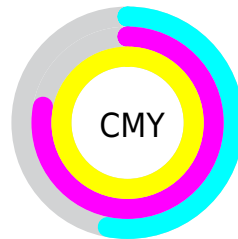


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (53%)



Cyan (53%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 773701 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 773701 by changing the saturation by 10% instead.



 773701

 773701

 FFFFEA

 5B2000

 B16732

 3F0900

 CE814A

 280001

 ED9B63

 000000

 FFB67D

 FFD297

 FFEEB2

 FFFFCE

 773701

 773701

■ 773600

■ 773D0D

■ 774419

■ 774A25

■ 775131

■ 77573C

■ 775E48

■ 776454

■ 776B60

■ 77716C

# Harmonies

## Analogous

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



882427



773701



5B4700

# Triad

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



773701



005946



423F8C

# Complementary

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



773701



014177

# 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.



004E95



773701



00596D

# Square

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



773701



00571F



00568A



742B71

# Rectangle

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



773701



434E00



00568A



214591



# Sweetspot

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



773701



9C826D



770142



4F4033



CFCFCF



4F4F4F



# Same Dimension

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



773701



9C4700



777101



3B3735



7A3800



FA7200



# Inverse Universe

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



014177



00549C



010777



35383B



00427A

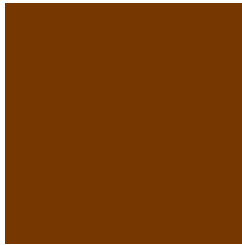


0088FA



# Previews

## White Background



This preview shows how the Hex color 773701 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

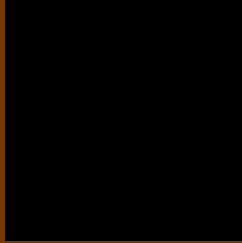
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 773701 Background



This preview shows how black text looks on a background with the Hex color 773701.



This preview shows how white text looks on a background with the Hex color 773701.

# 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**  
773701

**Protanopia**  
534A0B

**Deuteranopia**  
5D4600



# Trichromacy



**Original Color**  
773701

**Protanomaly**  
604307

**Deuteranomaly**  
664100

**Tritanomaly**  
783423

# Monochromacy



**Original Color**  
773701

**Achromatopsia**  
444444

**Achromatomaly**  
573F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 773701 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 #773701 looks like.

```
.text, #text, p{  
    color:#773701  
}
```

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 #773701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773701
}
```

## Border

The CSS property to change the border of an element to Hex 773701 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
#773701 }
```

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

```
.border{ border-color:#773701 }
```

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

Here you see how a box with a 4 pixel #773701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773701; -webkit-box-shadow:4px 4px  
4px 4px #773701; box-shadow:4px 4px 4px  
4px #773701 }
```

# Background

The CSS property to change the background color of an element to Hex 773701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773701 }
```

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

```
.background{ background-color:#773701 }
```

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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