

# Converting Colors

Hex(770001)

Have a look what the booklet for  
Hex(770001) contains.

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# Color

**Hex(770001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	770001
RGB	119, 0, 1
RGB Percent	47%, 0%, 0%
CMY	0.5333, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.53
HSL	359°, 100%, 23%
HSV	359°, 100%, 47%
XYZ	7.6132, 3.9241, 0.3849
YIQ	35.6950, 70.6030, 25.5390

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 0, 1
Decimal	7798785
CIE <sub>Lab</sub>	23.42, 45.62, 34.87
CIE <sub>LCh</sub>	23, 57.424, 37.393
Yxy	3.9241, 0.6386, 0.3291
Android (android.graphics.Color)	4285988865 (0xFF770001)
YUV	35.6950, -17.1046, 73.0585
Hunter-Lab	19.8094, 33.9353, 12.7146

# Details

The Hex color **770001** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007776**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **B3402F**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **770001**, and if you desaturate by 10%, it is **770C0D**.

# Distribution



Red (47%)

Green (0%)

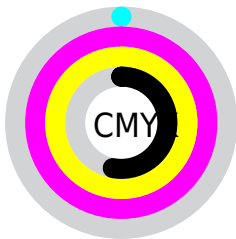
Blue (0%)



Red (47%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 770001 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 770001 by changing the saturation by 10% instead.



 770001

 770001

 FFFFE3

 5A0000

 B3402F

 3E0000

 D15A46

 1F0001

 F0755E

 000000

 FF9077

 FFAC91

 FFC8AC

 FFE4C7

 770001

 770C0D

 771819

 772424

 773030

 773B3C

 774748

 775354

 775F5F

 776B6B

# Harmonies

## Analogous

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



7F002F



770001



5F2800

# Triad

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



770001



004713



003B8F

# Complementary

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



770001



007776

# 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.



004588



770001



004842

# Square

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



770001



014300



00486C



40257D

# Rectangle

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



770001



493500



00486C



003F90



# Sweetspot

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



770001



9C6D6D



750077



4F3333



CFCFCF



4F4F4F



# Same Dimension

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



770001



9C0001



773A00



3B3535



7A0001



FA0002



# Inverse Universe

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



770001



9C0001



003D77



3B3535



7A0001

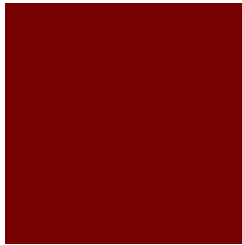


FA0002



# Previews

## White Background



This preview shows how the Hex color 770001 looks on a white background.

## Color Contrast Check

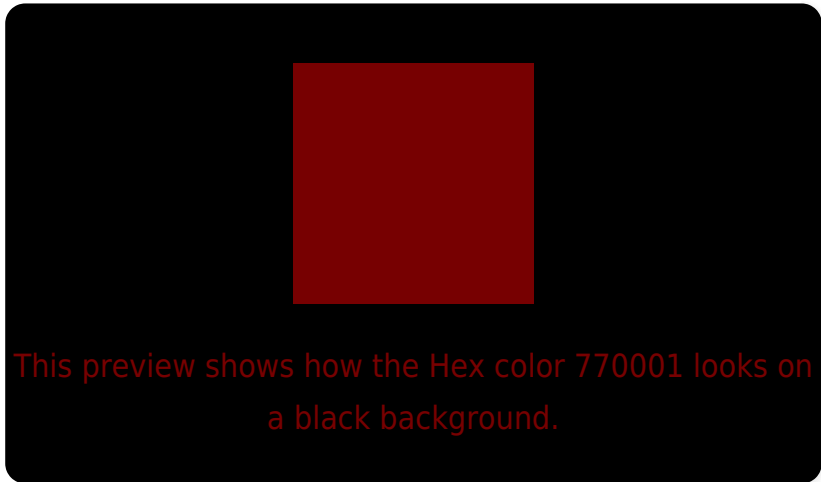
Large Text (above 18pt) WCAG AA ✓ Pass

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

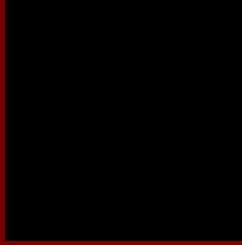
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 770001 Background



This preview shows how black text looks on a background with the Hex color 770001.



This preview shows how white text looks on a background with the Hex color 770001.

# 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**  
770001

**Protanopia**  
433C0F

**Deuteranopia**  
4C3900



**Tritanopia**  
760B00

# Trichromacy



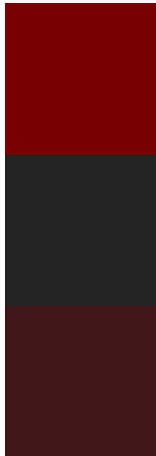
**Original Color**  
770001

**Protanomaly**  
56260A

**Deuteranomaly**  
5C2400

**Tritanomaly**  
760700

# Monochromacy



**Original Color**  
770001

**Achromatopsia**  
242424

**Achromatomaly**  
421717

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 770001 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 #770001 looks like.

```
.text, #text, p{  
    color:#770001  
}
```

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 #770001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770001
}
```

## Border

The CSS property to change the border of an element to Hex 770001 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".

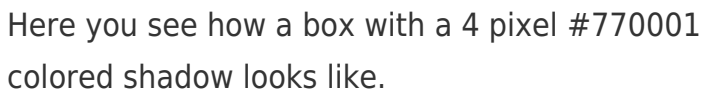
```
.border, #border, table{ border:4px solid
#770001 }
```

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

```
.border{ border-color:#770001 }
```

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

Here you see how a box with a 4 pixel #770001 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #770001; -webkit-box-shadow:4px 4px  
4px 4px #770001; box-shadow:4px 4px 4px  
4px #770001 }
```

# Background

The CSS property to change the background color of an element to Hex 770001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770001 }
```

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

```
.background{ background-color:#770001 }
```

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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