

# Converting Colors

Hex(770C45)

Have a look what the booklet for  
Hex(770C45) contains.

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**Color**

**Hex(770C45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	770C45
RGB	119, 12, 69
RGB Percent	47%, 5%, 27%
CMY	0.5333, 0.9529, 0.7294
CMYK	0.00, 0.90, 0.42, 0.53
HSL	328°, 82%, 26%
HSV	328°, 90%, 47%
XYZ	8.8134, 4.6146, 6.0564
YIQ	50.4910, 45.4750, 40.4110

# Conversions

## Conversions Part 2

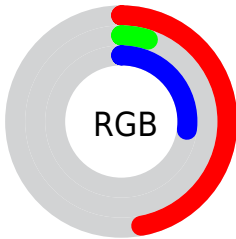
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 12, 69
Decimal	7801925
CIE Lab	25.61, 46.97, -4.61
CIE LCh	26, 47.195, 354.396
Yxy	4.6146, 0.4523, 0.2368
Android (android.graphics.Color)	4285992005 (0xFF770C45)
YUV	50.4910, 9.1249, 60.0824
Hunter-Lab	21.4815, 35.6420, -1.6789

# Details

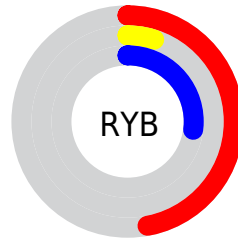
The Hex color **770C45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C773E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **AF4775**, and **41001A** is the 20% darker color. If you saturate the color by 10%, you get **77003F**, and if you desaturate by 10%, it is **77184B**.

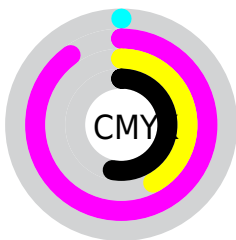
# Distribution



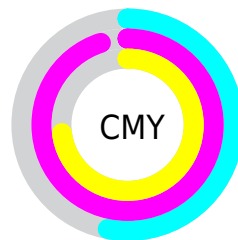
- Red (47%)
- Green (5%)
- Blue (27%)



- Red (47%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 770C45 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 770C45 by changing the saturation by 10% instead.



 770C45

 770C45

FFFFFF

 5C002F

 AF4775

 41001A

 CC628F

 290001

 E97DA9

 000000

 FF98C4

 FFB3E0

 FFD0FD

 FFEDFF

 770C45

 770C45

■ 77003F

■ 77184B

■ 772450

■ 773056

■ 773C5B

■ 774761

■ 775366

■ 775F6C

■ 776B71

■ 777777

# Harmonies

## Analogous

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



602267



770C45



791322

# Triad

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



770C45



304300



004A77

# Complementary

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



770C45



0C773E

# 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.



004C59



770C45



00490E

# Square

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



770C45



513900



004B35



004385

# Rectangle

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



770C45



70220A



004B35



004B6E



# Sweetspot

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



770C45



9C7288



3E0C77



4F3643



CFCFCF



4F4F4F



# Same Dimension

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



770C45



9C0053



770C10



3B3538



7A0041



FA0085



# Inverse Universe

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



770C45



9C0053



0C7773



3B3538



7A0041

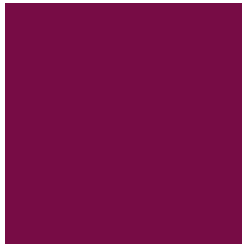


FA0085



# Previews

## White Background



This preview shows how the Hex color 770C45 looks on a white background.

## Color Contrast Check

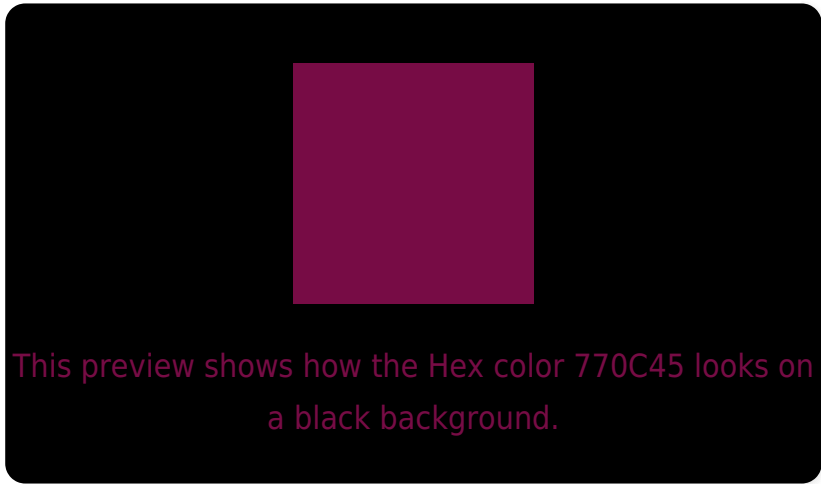
Large Text (above 18pt) WCAG AA ✓ Pass

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

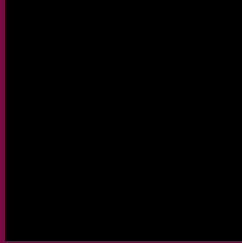
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 770C45 Background



This preview shows how black text looks on a background with the Hex color 770C45.

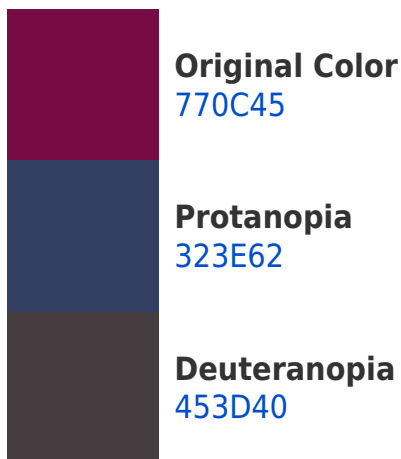


This preview shows how white text looks on a background with the Hex color 770C45.

# 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





**Tritanopia**  
751D1E

# Trichromacy



**Original Color**  
770C45

**Protanomaly**  
4B2C57

**Deuteranomaly**  
572B42

**Tritanomaly**  
76172C

# Monochromacy



**Original Color**  
770C45

**Achromatopsia**  
323232

**Achromatomaly**  
4B2439

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 770C45 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 #770C45 looks like.

```
.text, #text, p{  
    color:#770C45  
}
```

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 #770C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770C45
}
```

## Border

The CSS property to change the border of an element to Hex 770C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

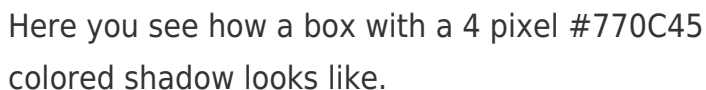
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#770C45 }
```

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

```
.border{ border-color:#770C45 }
```

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



Here you see how a box with a 4 pixel #770C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #770C45; -webkit-box-shadow:4px 4px  
4px 4px #770C45; box-shadow:4px 4px 4px  
4px #770C45 }
```

# Background

The CSS property to change the background color of an element to Hex 770C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770C45 }
```

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

```
.background{ background-color:#770C45 }
```

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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