

# Converting Colors

Hex(790C0F)

Have a look what the booklet for  
Hex(790C0F) contains.

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# Color

**Hex(790C0F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	790C0F
RGB	121, 12, 15
RGB Percent	47%, 5%, 6%
CMY	0.5255, 0.9529, 0.9412
CMYK	0.00, 0.90, 0.88, 0.53
HSL	358°, 82%, 26%
HSV	358°, 90%, 47%
XYZ	8.1029, 4.3624, 0.8669
YIQ	44.9330, 64.0010, 24.0410

# Conversions

## Conversions Part 2

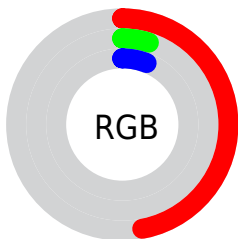
Format	Color
<a href="#">RYB</a>	<a href="#">121, 12, 15</a>
Decimal	<a href="#">7932943</a>
CIELab	<a href="#">24.83, 44.04, 30.42</a>
CIELCh	<a href="#">25, 53.528, 34.631</a>
Yxy	<a href="#">4.3624, 0.6078, 0.3272</a>
Android (android.graphics.Color)	<a href="#">4286123023 (0xFF790C0F)</a>
YUV	<a href="#">44.9330, -14.7570, 66.7108</a>
Hunter-Lab	<a href="#">20.8863, 32.6981, 12.1596</a>

# Details

The Hex color **790C0F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C7976**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B4463A**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **790003**, and if you desaturate by 10%, it is **79181B**.

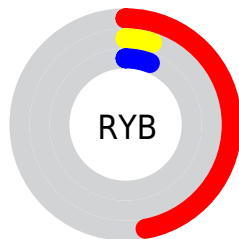
# Distribution



Red (47%)

Green (5%)

Blue (6%)



Red (47%)

Yellow (5%)

Blue (6%)

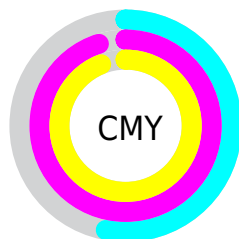


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 790C0F 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 790C0F by changing the saturation by 10% instead.



 790C0F

 790C0F

 FFFFF0

 5C0000

 B4463A

 400000

 D36051

 240001

 F17B69

 000000

 FF9683

 FFB19D

 FFCDB8

 FFEAD4

 790C0F

 790C0F

■ 790003

■ 79181B

■ 792427

■ 793032

■ 793C3E

■ 79484A

■ 795556

■ 796161

■ 796D6D

■ 797979

# Harmonies

## Analogous

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



7F0037



790C0F



642B00

# Triad

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



790C0F



004915



003F8D

# Complementary

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



790C0F



0C7976

# 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.



004885



790C0F



004B40

# Square

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



790C0F



184500



004B68



3E2C7F

# Rectangle

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



790C0F



4F3700



004B68



00438D



# Sweetspot

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



790C0F



9E7375



750C79



4F3636



CFCFCF



4F4F4F



# Same Dimension

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



790C0F



9E0004



793F0C



3D3737



7D0003



FC0007



# Inverse Universe

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



790C0F



9E0004



0C4679



3D3737



7D0003



FC0007



# Previews

## White Background



This preview shows how the Hex color 790C0F looks on a white background.

## Color Contrast Check

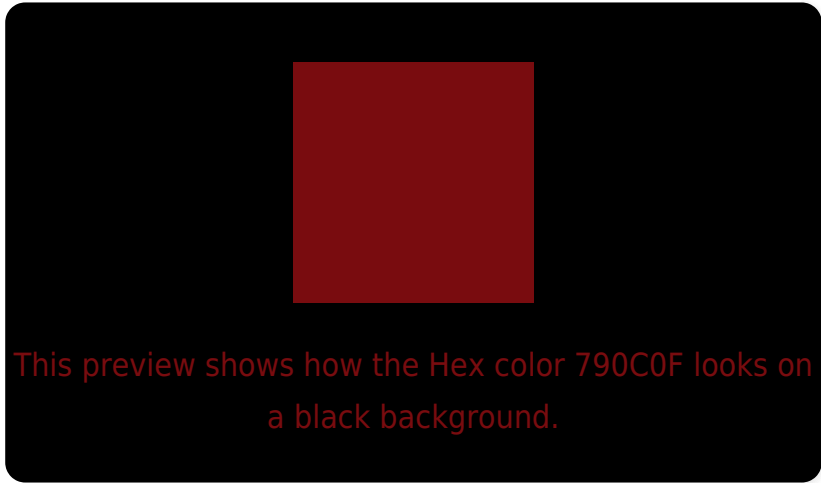
Large Text (above 18pt) WCAG AA ✓ Pass

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 790C0F Background



This preview shows how black text looks on a background with the Hex color 790C0F.



This preview shows how white text looks on a background with the Hex color 790C0F.

# 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**  
790C0F

**Protanopia**  
453E1A

**Deuteranopia**  
4E3B00



**Tritanopia**  
790D09

# Trichromacy



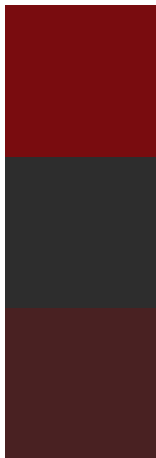
**Original Color**  
790C0F

**Protanomaly**  
582C16

**Deuteranomaly**  
5E2A05

**Tritanomaly**  
790D0B

# Monochromacy



**Original Color**  
790C0F

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
492122

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 790C0F 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 #790C0F looks like.

```
.text, #text, p{  
    color:#790C0F  
}
```

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 #790C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790C0F
}
```

## Border

The CSS property to change the border of an element to Hex 790C0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

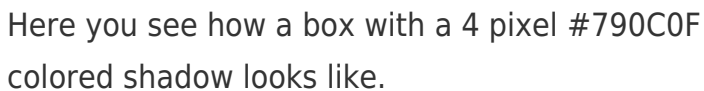
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#790C0F }
```

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

```
.border{ border-color:#790C0F }
```

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



Here you see how a box with a 4 pixel `#790C0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790C0F; -webkit-box-shadow:4px 4px  
4px 4px #790C0F; box-shadow:4px 4px 4px  
4px #790C0F }
```

# Background

The CSS property to change the background color of an element to Hex 790C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790C0F }
```

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

```
.background{ background-color:#790C0F }
```

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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