

# Converting Colors

Hex(790610)

Have a look what the booklet for  
Hex(790610) contains.

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# Color

**Hex(790610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	790610
RGB	121, 6, 16
RGB Percent	47%, 2%, 6%
CMY	0.5255, 0.9765, 0.9373
CMYK	0.00, 0.95, 0.87, 0.53
HSL	355°, 91%, 25%
HSV	355°, 95%, 47%
XYZ	8.0438, 4.2326, 0.8832
YIQ	41.5250, 65.3300, 27.4900

# Conversions

## Conversions Part 2

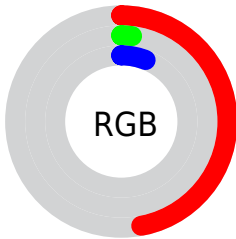
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 6, 16
Decimal	7931408
CIE <sub>Lab</sub>	24.43, 45.27, 29.48
CIE <sub>LCh</sub>	24, 54.025, 33.072
Yxy	4.2326, 0.6112, 0.3216
Android (android.graphics.Color)	4286121488 (0xFF790610)
YUV	41.5250, -12.5838, 69.6996
Hunter-Lab	20.5733, 33.7872, 11.8559

# Details

The Hex color **790610** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **06796F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B4443B**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **79000B**, and if you desaturate by 10%, it is **79121B**.

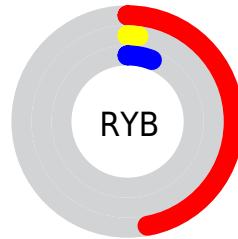
# Distribution



Red (47%)

Green (2%)

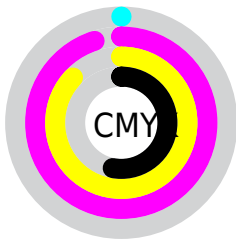
Blue (6%)



Red (47%)

Yellow (2%)

Blue (6%)

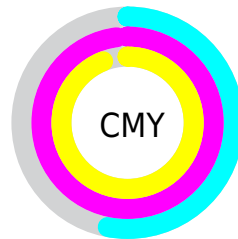


Cyan (0%)

Magenta (95%)

Yellow (87%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 790610 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 790610 by changing the saturation by 10% instead.



 790610

 790610

 FFFFFF1

 5C0000

 B4443B

 400000

 D35E52

 230001

 F1786A

 000000

 FF9384

 FFAF9E

 FFCBB9

 FFE8D4

 790610

 790610

■ 79000B

■ 79121B

■ 791E26

■ 792A31

■ 79363C

■ 794247

■ 794F52

■ 795B5D

■ 796768

■ 797373

# Harmonies

## Analogous

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



7E0038



790610



642800

# Triad

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



790610



004811



003F8D

# Complementary

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



790610



06796F

# 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.



004783



790610



004A3D

# Square

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



790610



194400



004A66



382C7F

# Rectangle

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



790610



503500



004A66



00428C



# Sweetspot

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



790610



9E7074



6E0679



4F3336



CFCFCF



4F4F4F



# Same Dimension

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



790610



9E000E



793406



3D3738



7D000B



FC0016



# Inverse Universe

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



790610



9E000E



064B79



3D3738



7D000B

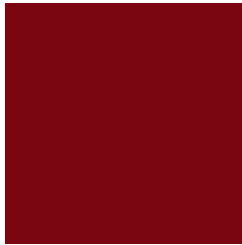


FC0016



# Previews

## White Background



This preview shows how the Hex color 790610 looks on a white background.

## Color Contrast Check

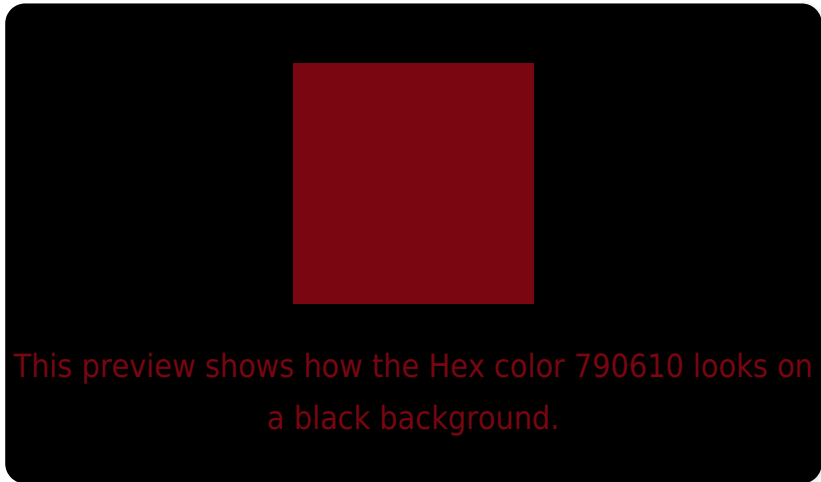
Large Text (above 18pt) WCAG AA ✓ Pass

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 790610 Background



This preview shows how black text looks on a background with the Hex color 790610.



This preview shows how white text looks on a background with the Hex color 790610.

# 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**  
790610

**Protanopia**  
443D1B

**Deuteranopia**  
4D3A00



**Tritanopia**  
790B00

# Trichromacy



**Original Color**  
790610

**Protanomaly**  
572917

**Deuteranomaly**  
5D2706

**Tritanomaly**  
790906

# Monochromacy



**Original Color**  
790610

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
471D21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 790610 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 #790610 looks like.

```
.text, #text, p{  
    color:#790610  
}
```

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 #790610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790610
}
```

## Border

The CSS property to change the border of an element to Hex 790610 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
#790610 }
```

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

```
.border{ border-color:#790610 }
```

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

Here you see how a box with a 4 pixel #790610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790610; -webkit-box-shadow:4px 4px  
4px 4px #790610; box-shadow:4px 4px 4px  
4px #790610 }
```

# Background

The CSS property to change the background color of an element to Hex 790610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790610 }
```

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

```
.background{ background-color:#790610 }
```

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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