

# Converting Colors

Hex(790315)

Have a look what the booklet for  
Hex(790315) contains.

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# Color

**Hex(790315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	790315
RGB	121, 3, 21
RGB Percent	47%, 1%, 8%
CMY	0.5255, 0.9882, 0.9176
CMYK	0.00, 0.98, 0.83, 0.53
HSL	351°, 95%, 24%
HSV	351°, 98%, 47%
XYZ	8.0531, 4.1842, 1.0927
YIQ	40.3340, 64.5500, 30.6140

# Conversions

## Conversions Part 2

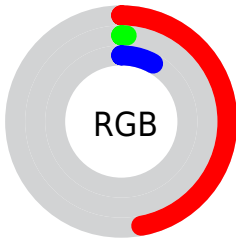
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 3, 21
Decimal	7930645
CIE Lab	24.27, 46.02, 26.29
CIE LCh	24, 53.005, 29.741
Yxy	4.1842, 0.6041, 0.3139
Android (android.graphics.Color)	4286120725 (0xFF790315)
YUV	40.3340, -9.5317, 70.7441
Hunter-Lab	20.4554, 34.4769, 11.1517

# Details

The Hex color **790315** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **037967**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **B44240**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **790012**, and if you desaturate by 10%, it is **790F1F**.

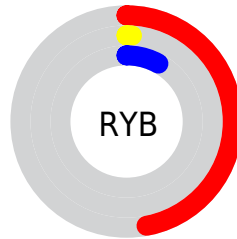
# Distribution



Red (47%)

Green (1%)

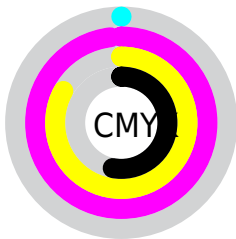
Blue (8%)



Red (47%)

Yellow (1%)

Blue (8%)

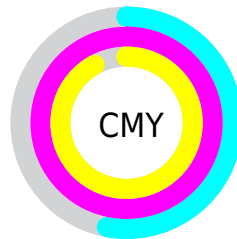


Cyan (0%)

Magenta (98%)

Yellow (83%)

Black (53%)



Cyan (53%)

Magenta (99%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 790315 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 790315 by changing the saturation by 10% instead.



 790315

 790315

 FFFFF7

 5C0000

 B44240

 400000

 D25D57

 230001

 F17770

 000000

 FF9289

 FFAEA3

 FFCABE

 FFE7DA

 790315

 790315

■ 790012

■ 790F1F

■ 791B2A

■ 792734

■ 79333E

■ 793F48

■ 794C53

■ 79585D

■ 796467

■ 797071

# Harmonies

## Analogous

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



7B003C



790315



662600

# Triad

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



790315



00470C



003F8B

# Complementary

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



790315



037967

# 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.



00477F



790315



004938

# Square

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



790315



204200



004A61



2F2F80

# Rectangle

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



790315



533300



004A61



004389



# Sweetspot

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



790315



9E7077



650379



4F3338



CFCFCF



4F4F4F



# Same Dimension

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



790315



9E0018



792A03



3D3738



7D0013



FC0027



# Inverse Universe

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



790315



9E0018



035279



3D3738



7D0013

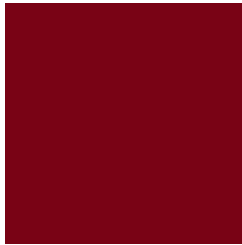


FC0027



# Previews

## White Background



This preview shows how the Hex color 790315 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 790315 Background



This preview shows how black text looks on a background with the Hex color 790315.



This preview shows how white text looks on a background with the Hex color 790315.

# 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**  
790315

**Protanopia**  
433D21

**Deuteranopia**  
4D3A09

# Trichromacy



**Original Color**  
790315

**Protanomaly**  
57281D

**Deuteranomaly**  
5D260D

# Monochromacy



**Original Color**  
790315

**Achromatopsia**  
282828

**Achromatomaly**  
451B21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 790315 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 #790315 looks like.

```
.text, #text, p{  
    color:#790315  
}
```

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 #790315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790315
}
```

## Border

The CSS property to change the border of an element to Hex 790315 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
#790315 }
```

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

```
.border{ border-color:#790315 }
```

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

Here you see how a box with a 4 pixel #790315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790315; -webkit-box-shadow:4px 4px  
4px 4px #790315; box-shadow:4px 4px 4px  
4px #790315 }
```

# Background

The CSS property to change the background color of an element to Hex 790315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790315 }
```

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

```
.background{ background-color:#790315 }
```

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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