

# Converting Colors

Hex(7D170C)

Have a look what the booklet for  
Hex(7D170C) contains.

<b>Hex(7D170C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7D170C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D170C
RGB	125, 23, 12
RGB Percent	49%, 9%, 5%
CMY	0.5098, 0.9098, 0.9529
CMYK	0.00, 0.82, 0.90, 0.51
HSL	6°, 82%, 27%
HSV	6°, 90%, 49%
XYZ	8.8302, 4.9993, 0.8474
YIQ	52.2440, 64.3230, 18.2030

# Conversions

## Conversions Part 2

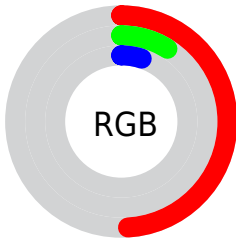
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 24, 12
Decimal	8197900
CIE Lab	26.73, 42.26, 33.97
CIE LCh	27, 54.222, 38.793
Yxy	4.9993, 0.6016, 0.3406
Android (android.graphics.Color)	4286387980 (0xFF7D170C)
YUV	52.2440, -19.8403, 63.8070
Hunter-Lab	22.3591, 31.3658, 13.4044

# Details

The Hex color **7D170C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C727D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B94D38**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7D0C00**, and if you desaturate by 10%, it is **7D2218**.

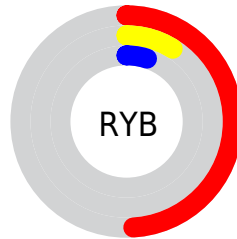
# Distribution



Red (49%)

Green (9%)

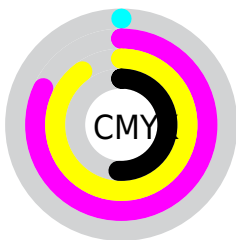
Blue (5%)



Red (49%)

Yellow (9%)

Blue (5%)

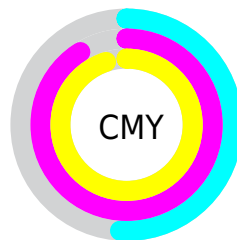


Cyan (0%)

Magenta (82%)

Yellow (90%)

Black (51%)



Cyan (51%)

Magenta (91%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D170C 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 7D170C by changing the saturation by 10% instead.



 7D170C

 7D170C

 FFFFEE

 600000

 B94D38

 430000

 D7674F

 290001

 F68168

 000000

 FF9C81

 FFB89B

 FFD4B6

 FFF1D2

 7D170C

 7D170C

■ 7D0C00

■ 7D2218

■ 7D2E25

■ 7D3931

■ 7D443E

■ 7D4F4A

■ 7D5B57

■ 7D6663

■ 7D7170

■ 7D7D7D

# Harmonies

## Analogous

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



850035



7D170C



663200

# Triad

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



7D170C



004E1F



004192

# Complementary

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



7D170C



0C727D

# 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.



004C8D



7D170C



00504B

# Square

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



7D170C



104A00



005073



4D2D81

# Rectangle

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



7D170C



503D00



005073



004693



# Sweetspot

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



7D170C



A37B77



7D0C74



523A37



D1D1D1



525252



# Same Dimension

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



7D170C



A31000



7D4E0C



403A39



800C00



000000



# Inverse Universe

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



0C727D



0093A3



0C3B7D



393F40



007380



000000



# Previews

## White Background



This preview shows how the Hex color 7D170C looks on a white background.

## Color Contrast Check

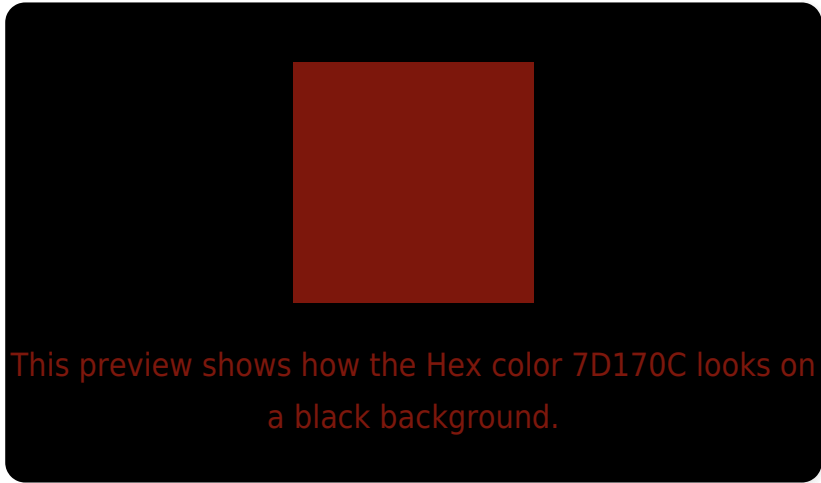
Large Text (above 18pt) WCAG AA ✓ Pass

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

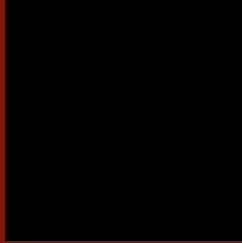
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D170C Background



This preview shows how black text looks on a background with the Hex color 7D170C.



This preview shows how white text looks on a background with the Hex color 7D170C.

# 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**  
7D170C

**Protanopia**  
494116

**Deuteranopia**  
523E00



**Tritanopia**  
7D1615

# Trichromacy



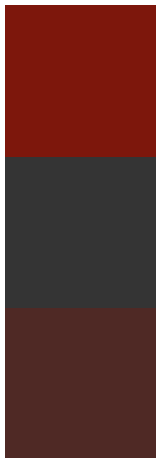
**Original Color**  
7D170C

**Protanomaly**  
5C3212

**Deuteranomaly**  
623004

**Tritanomaly**  
7D1612

# Monochromacy



**Original Color**  
7D170C

**Achromatopsia**  
343434

**Achromatomaly**  
4F2925

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D170C 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 #7D170C looks like.

```
.text, #text, p{  
    color:#7D170C  
}
```

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 #7D170C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D170C
}
```

## Border

The CSS property to change the border of an element to Hex 7D170C is called "border". The border property can be set on classes, ids or directly on the HTML element.

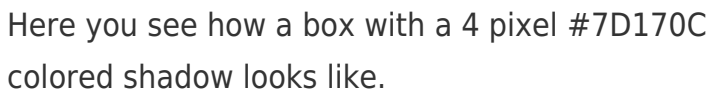
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D170C }
```

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

```
.border{ border-color:#7D170C }
```

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



Here you see how a box with a 4 pixel #7D170C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D170C; -webkit-box-shadow:4px 4px  
4px 4px #7D170C; box-shadow:4px 4px 4px  
4px #7D170C }
```

# Background

The CSS property to change the background color of an element to Hex 7D170C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D170C }
```

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

```
.background{ background-color:#7D170C }
```

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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