

# Converting Colors

Hex(7C0704)

Have a look what the booklet for  
Hex(7C0704) contains.

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**Color**

**Hex(7C0704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C0704
RGB	124, 7, 4
RGB Percent	49%, 3%, 2%
CMY	0.5137, 0.9725, 0.9843
CMYK	0.00, 0.94, 0.97, 0.51
HSL	2°, 94%, 25%
HSV	2°, 97%, 49%
XYZ	8.4101, 4.4458, 0.5297
YIQ	41.6410, 70.6950, 23.8710

# Conversions

## Conversions Part 2

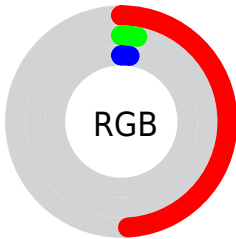
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 7, 4
Decimal	8128260
CIELab	25.09, 45.68, 35.69
CIElCh	25, 57.965, 38.001
Yxy	4.4458, 0.6283, 0.3321
Android (android.graphics.Color)	4286318340 (0xFF7C0704)
YUV	41.6410, -18.5570, 72.2288
Hunter-Lab	21.0851, 34.2982, 13.2700

# Details

The Hex color **7C0704** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **04797C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B84431**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7C0300**, and if you desaturate by 10%, it is **7C1310**.

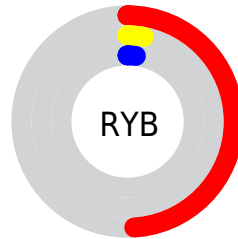
# Distribution



Red (49%)

Green (3%)

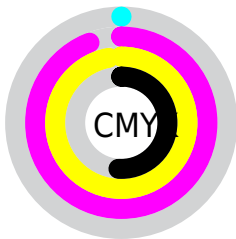
Blue (2%)



Red (49%)

Yellow (3%)

Blue (2%)

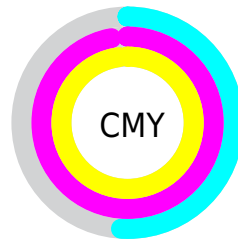


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (51%)



Cyan (51%)

Magenta (97%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C0704 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 7C0704 by changing the saturation by 10% instead.



 7C0704

 7C0704

 FFFFE6

 5F0000

 B84431

 420000

 D75F49

 260001

 F67961

 000000

 FF947A

 FFB094

 FFCCAF

 FFE9CA

 7C0704

 7C0704

■ 7C0300

■ 7C1310

■ 7C1F1D

■ 7C2B29

■ 7C3736

■ 7C4342

■ 7C504E

■ 7C5C5B

■ 7C6867

■ 7C7474

# Harmonies

## Analogous

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



850032



7C0704



632C00

# Triad

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



7C0704



004B17



003E94

# Complementary

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



7C0704



04797C

# 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.



00498E



7C0704



004D47

# Square

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



7C0704



054700



004D71



462882

# Rectangle

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



7C0704



4D3900



004D71



004395



# Sweetspot

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



7C0704



A17372



7C047A



523635



D1D1D1



525252



# Same Dimension

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



7C0704



A10400



7C4204



3D3737



7D0300



FC0600



# Inverse Universe

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



04797C



009DA1



043E7C



373D3D



007A7D

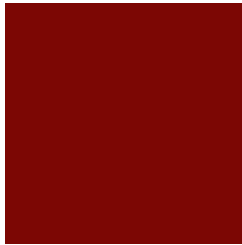


00F6FC



# Previews

## White Background



This preview shows how the Hex color 7C0704 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 7C0704 Background



This preview shows how black text looks on a background with the Hex color 7C0704.



This preview shows how white text looks on a background with the Hex color 7C0704.

# 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**  
7C0704

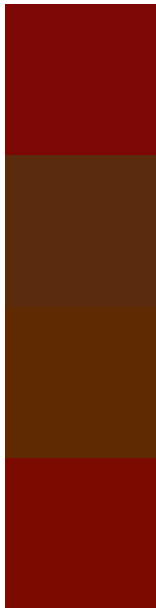
**Protanopia**  
463F11

**Deuteranopia**  
4F3C00



**Tritanopia**  
7B0B00

# Trichromacy



**Original Color**  
7C0704

**Protanomaly**  
5A2B0C

**Deuteranomaly**  
5F2901

**Tritanomaly**  
7B0A01

# Monochromacy



**Original Color**  
7C0704

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
481D1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C0704 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 #7C0704 looks like.

```
.text, #text, p{  
    color:#7C0704  
}
```

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 #7C0704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C0704
}
```

## Border

The CSS property to change the border of an element to Hex 7C0704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

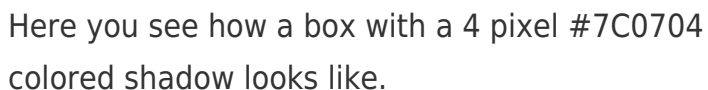
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C0704 }
```

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

```
.border{ border-color:#7C0704 }
```

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



Here you see how a box with a 4 pixel #7C0704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C0704; -webkit-box-shadow:4px 4px  
4px 4px #7C0704; box-shadow:4px 4px 4px  
4px #7C0704 }
```

# Background

The CSS property to change the background color of an element to Hex 7C0704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C0704 }
```

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

```
.background{ background-color:#7C0704 }
```

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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