

# Converting Colors

Hex(750002)

Have a look what the booklet for  
Hex(750002) contains.

<b>Hex(750002)</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(750002)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	750002
RGB	117, 0, 2
RGB Percent	46%, 0%, 1%
CMY	0.5412, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.54
HSL	359°, 100%, 23%
HSV	359°, 100%, 46%
XYZ	7.3471, 3.7863, 0.4010
YIQ	35.2110, 69.0900, 25.4260

# Conversions

## Conversions Part 2

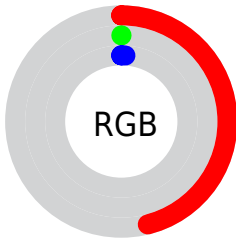
Format	Color
<a href="#">RYB</a>	<a href="#">117, 0, 2</a>
Decimal	<a href="#">7667714</a>
CIELab	<a href="#">22.95, 45.10, 33.84</a>
CIELCh	<a href="#">23, 56.378, 36.882</a>
Yxy	<a href="#">3.7863, 0.6370, 0.3283</a>
Android (android.graphics.Color)	<a href="#">4285857794 (0xFF750002)</a>
YUV	<a href="#">35.2110, -16.3730, 71.7290</a>
Hunter-Lab	<a href="#">19.4584, 33.3456, 12.3989</a>

# Details

The Hex color **750002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007573**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **B14030**, and **3C0001** is the 20% darker color. If you saturate the color by 10%, you get **750002**, and if you desaturate by 10%, it is **750C0D**.

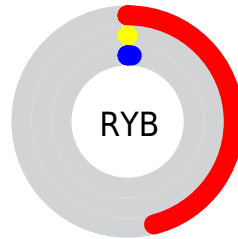
# Distribution



Red (46%)

Green (0%)

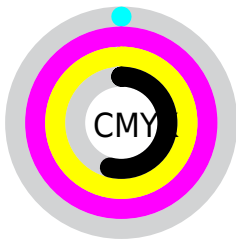
Blue (1%)



Red (46%)

Yellow (0%)

Blue (1%)

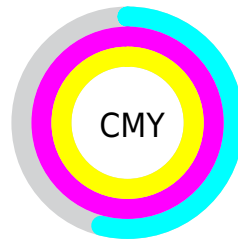


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 750002 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 750002 by changing the saturation by 10% instead.



 750002

 750002

 FFFFE4

 580000

 B14030

 3C0001

 CF5A47

 1C0001

 EE745F

 000000

 FF8F78

 FFAB92

 FFC7AC

 FFE4C8

 750002

 750C0D

 751719

 752325

 752F30

 753B3B

 754647

 755252

 755E5E

 75696A

# Harmonies

## Analogous

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



7C002F



750002



5E2700

# Triad

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



750002



004512



003A8C

# Complementary

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



750002



007573

# 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.



004485



750002



004740

# Square

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



750002



044100



004769



3E257B

# Rectangle

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



750002



483400



004769



003E8D



# Sweetspot

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



750002



996B6C



710075



4D3131



CCCCCC



4D4D4D



# Same Dimension

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



750002



990003



753700



3B3535



7A0002



FA0004



# Inverse Universe

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



750002



990003



003E75



3B3535



7A0002



FA0004



# Previews

## White Background



This preview shows how the Hex color 750002 looks on a white background.

## Color Contrast Check

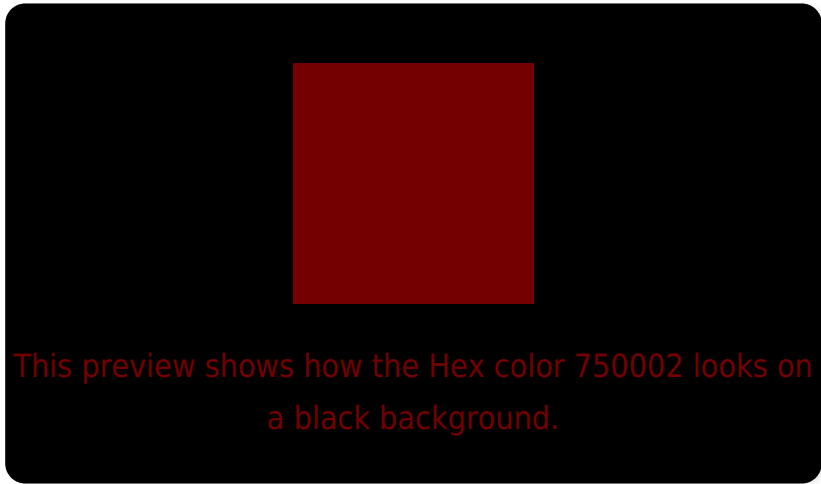
Large Text (above 18pt) WCAG AA ✓ Pass

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 750002 Background



This preview shows how black text looks on a background with the Hex color 750002.



This preview shows how white text looks on a background with the Hex color 750002.

# 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**  
750002

**Protanopia**  
423B0F

**Deuteranopia**  
4A3800



**Tritanopia**  
740B00

# Trichromacy



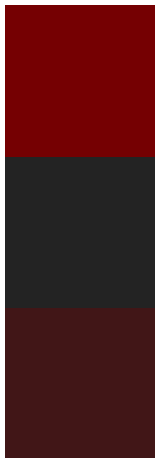
**Original Color**  
750002

**Protanomaly**  
55260A

**Deuteranomaly**  
5A2401

**Tritanomaly**  
740701

# Monochromacy



**Original Color**  
750002

**Achromatopsia**  
232323

**Achromatomaly**  
411617

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 750002 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 #750002 looks like.

```
.text, #text, p{  
    color:#750002  
}
```

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 #750002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750002
}
```

## Border

The CSS property to change the border of an element to Hex 750002 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
#750002 }
```

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

```
.border{ border-color:#750002 }
```

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

Here you see how a box with a 4 pixel #750002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750002; -webkit-box-shadow:4px 4px  
4px 4px #750002; box-shadow:4px 4px 4px  
4px #750002 }
```

# Background

The CSS property to change the background color of an element to Hex 750002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750002 }
```

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

```
.background{ background-color:#750002 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor