

Converting Colors

Hex(750016)

Have a look what the booklet for
Hex(750016) contains.

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Color

Hex(750016)

Conversions

Conversions Part 1

Format	Color
Hex	750016
RGB	117, 0, 22
RGB Percent	46%, 0%, 9%
CMY	0.5412, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.81, 0.54
HSL	349°, 100%, 23%
HSV	349°, 100%, 46%
XYZ	7.4809, 3.8398, 1.1059
YIQ	37.4910, 62.6700, 31.6460

Conversions

Conversions Part 2

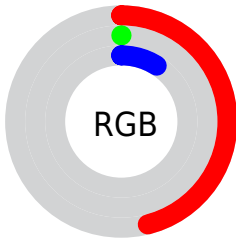
Format	Color
RYB	117, 0, 22
Decimal	7667734
CIELab	23.13, 45.59, 24.16
CIELCh	23, 51.599, 27.920
Yxy	3.8398, 0.6020, 0.3090
Android (android.graphics.Color)	4285857814 (0xFF750016)
YUV	37.4910, -7.6371, 69.7294
Hunter-Lab	19.5955, 33.8535, 10.3706

Details

The Hex color **750016** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00755F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B04041**, and **3D0001** is the 20% darker color. If you saturate the color by 10%, you get **750016**, and if you desaturate by 10%, it is **750C1F**.

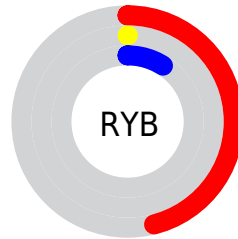
Distribution



Red (46%)

Green (0%)

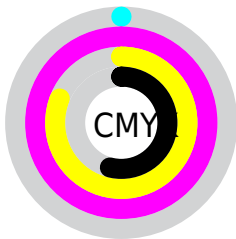
Blue (9%)



Red (46%)

Yellow (0%)

Blue (9%)

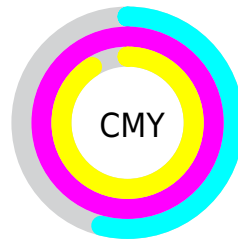


Cyan (0%)

Magenta (100%)

Yellow (81%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 750016 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 750016 by changing the saturation by 10% instead.

 750016

 750016

 FFFFF8

 590000

 B04041

 3D0001

 CE5A58

 1E0001

 EC7570

 000000

 FF908A

 FFABA4

 FFC8BF

 FFE4DB

 750016

 750C1F

 751729

 752332

 752F3C

 753B45

 75464F

 755258

 755E62

 75696B

Harmonies

Analogous

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



76003C



750016



642300

Triad

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



750016



004407



003D86

Complementary

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



750016



00755F

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.



004579



750016



004633

Square

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



750016



213F00



00475B



262E7C

Rectangle

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



750016



523000



00475B



004184

Sweetspot

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



750016



996B74



5E0075



4D3136



CCCCCC



4D4D4D

Same Dimension

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



750016



99001D



752300



3B3536



7A0017



FA002F

Inverse Universe

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



750016



99001D



005275



3B3536



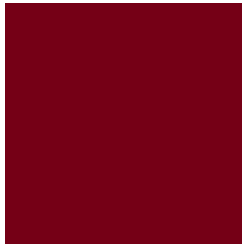
7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 750016 looks on a white background.

Color Contrast Check

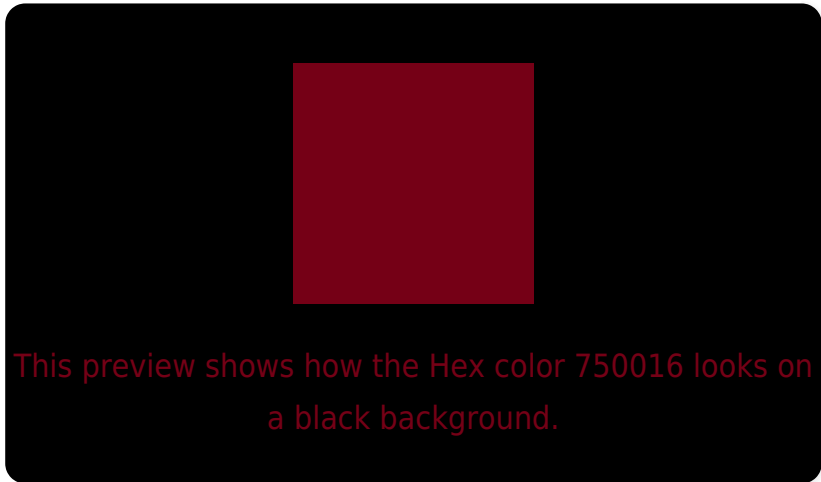
Large Text (above 18pt) WCAG AA ✓ Pass

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 750016 Background



This preview shows how black text looks on a background with the Hex color 750016.



This preview shows how white text looks on a background with the Hex color 750016.

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
750016

Protanopia
413B22

Deuteranopia
4B380C



Tritanopia
750A00

Trichromacy



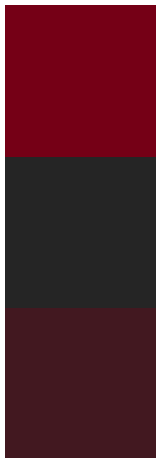
Original Color
750016

Protanomaly
54261E

Deuteranomaly
5A2410

Tritanomaly
750608

Monochromacy



Original Color
750016

Achromatopsia
252525

Achromatomaly
421820

CSS Examples

Text

The CSS property to change the color of the text to Hex 750016 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 #750016 looks like.

```
.text, #text, p{  
    color:#750016  
}
```

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 #750016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750016
}
```

Border

The CSS property to change the border of an element to Hex 750016 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".

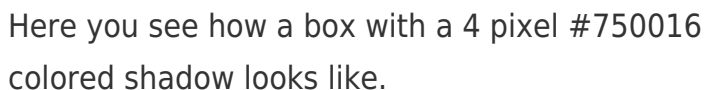
```
.border, #border, table{ border:4px solid
#750016 }
```

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

```
.border{ border-color:#750016 }
```

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

Here you see how a box with a 4 pixel #750016 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750016; -webkit-box-shadow:4px 4px  
4px 4px #750016; box-shadow:4px 4px 4px  
4px #750016 }
```

Background

The CSS property to change the background color of an element to Hex 750016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750016 }
```

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

```
.background{ background-color:#750016 }
```

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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