

# Converting Colors

Hex(730700)

Have a look what the booklet for  
Hex(730700) contains.

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# Color

**Hex(730700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	730700
RGB	115, 7, 0
RGB Percent	45%, 3%, 0%
CMY	0.5490, 0.9725, 1.0000
CMYK	0.00, 0.94, 1.00, 0.55
HSL	4°, 100%, 23%
HSV	4°, 100%, 45%
XYZ	7.1462, 3.7968, 0.3562
YIQ	38.4940, 66.6150, 20.7190

# Conversions

## Conversions Part 2

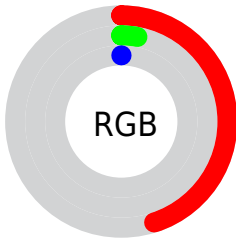
Format	Color
<a href="#">RYB</a>	<a href="#">115, 7, 0</a>
Decimal	<a href="#">7538432</a>
CIELab	<a href="#">22.99, 42.98, 34.54</a>
CIELCh	<a href="#">23, 55.139, 38.785</a>
Yxy	<a href="#">3.7968, 0.6325, 0.3360</a>
Android (android.graphics.Color)	<a href="#">4285728512 (0xFF730700)</a>
YUV	<a href="#">38.4940, -18.9775, 67.0958</a>
Hunter-Lab	<a href="#">19.4854, 31.3650, 12.5559</a>

# Details

The Hex color **730700** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006C73**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **AE422F**, and **3A0000** is the 20% darker color. If you saturate the color by 10%, you get **730700**, and if you desaturate by 10%, it is **73120B**.

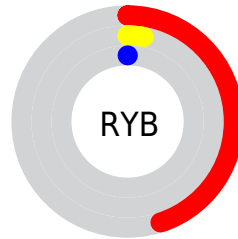
# Distribution



Red (45%)

Green (3%)

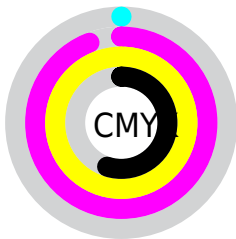
Blue (0%)



Red (45%)

Yellow (3%)

Blue (0%)

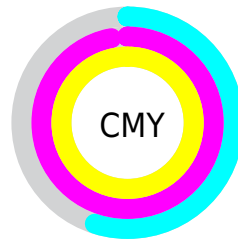


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (97%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730700 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 730700 by changing the saturation by 10% instead.



 730700

 730700

 FFFFE2

 560000

 AE422F

 3A0000

 CD5C45

 1A0001

 EB765D

 000000

 FF9176

 FFAD90

 FFC9AB

 FFE5C6

 730700

 73120B

 731D17

 732723

 73322E

 733D3A

 734845

 735351

 735D5C

 736868

# Harmonies

## Analogous

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



7B002D



730700



5B2900

# Triad

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



730700



004516



00398A

# Complementary

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



730700



006C73

# 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.



004385



730700



004742

# Square

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



730700



014200



00476A



432478

# Rectangle

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



730700



463500



00476A



003D8B



# Sweetspot

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



730700



966C69



73006D



4D3331



CCCCCC



4D4D4D



# Same Dimension

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



730700



960900



733F00



3B3535



7A0700



FA0F00



# Inverse Universe

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



006C73



008D96



003473



353A3B



00737A

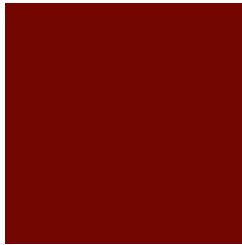


00EBFA



# Previews

## White Background



This preview shows how the Hex color 730700 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

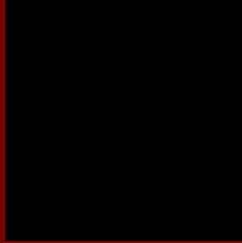
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 730700 Background



This preview shows how black text looks on a background with the Hex color 730700.



This preview shows how white text looks on a background with the Hex color 730700.

# 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**  
730700

**Protanopia**  
413A0F

**Tritanopia**  
730A00

# Trichromacy

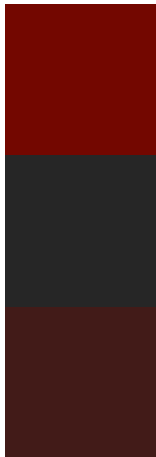


**Original Color**  
730700

**Protanomaly**  
53270A

**Tritanomaly**  
730900

# Monochromacy



**Original Color**  
730700

**Achromatopsia**  
262626

**Achromatomaly**  
421B18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730700 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 #730700 looks like.

```
.text, #text, p{  
    color:#730700  
}
```

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 #730700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730700
}
```

## Border

The CSS property to change the border of an element to Hex 730700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

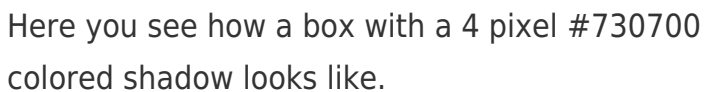
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730700 }
```

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

```
.border{ border-color:#730700 }
```

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



Here you see how a box with a 4 pixel #730700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730700; -webkit-box-shadow:4px 4px  
4px 4px #730700; box-shadow:4px 4px 4px  
4px #730700 }
```

# Background

The CSS property to change the background color of an element to Hex 730700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730700 }
```

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

```
.background{ background-color:#730700 }
```

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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