

# Converting Colors

Hex(730005)

Have a look what the booklet for  
Hex(730005) contains.

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# Color

**Hex(730005)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 730005                    |
| RGB           | 115, 0, 5                 |
| RGB Percent   | 45%, 0%, 2%               |
| CMY           | 0.5490, 1.0000, 0.9804    |
| CMYK          | 0.00, 1.00, 0.96, 0.55    |
| HSL           | 357°, 100%, 23%           |
| HSV           | 357°, 100%, 45%           |
| XYZ           | 7.0976, 3.6558, 0.4751    |
| YIQ           | 34.9550, 66.9350, 25.9350 |

# Conversions

## Conversions Part 2

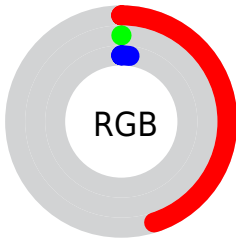
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>R<sub>Y</sub>B</b>               | 115, 0, 5                     |
| Decimal                             | 7536645                       |
| CIE Lab                             | 22.50, 44.61, 32.00           |
| CIE LCh                             | 22, 54.896, 35.650            |
| Yxy                                 | 3.6558, 0.6321,<br>0.3256     |
| Android<br>(android.graphics.Color) | 4285726725<br>(0xFF730005)    |
| YUV                                 | 34.9550, -14.7678,<br>70.1995 |
| Hunter-Lab                          | 19.1201, 32.8011,<br>11.9107  |

# Details

The Hex color **730005** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00736E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **AE3F32**, and **3B0001** is the 20% darker color. If you saturate the color by 10%, you get **730005**, and if you desaturate by 10%, it is **730B10**.

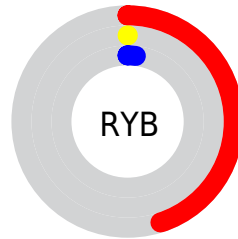
# Distribution



Red (45%)

Green (0%)

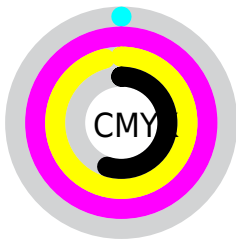
Blue (2%)



Red (45%)

Yellow (0%)

Blue (2%)

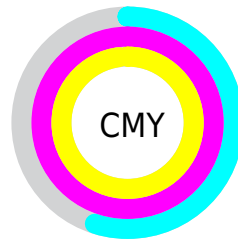


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (55%)



Cyan (55%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730005 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 730005 by changing the saturation by 10% instead.



 730005

 730005

 FFFFE6

 560000

 AE3F32

 3B0001

 CD5949

 190001

 EB7461

 000000

 FF8F7A

 FFAA94

 FFC6AF

 FFE3CA

 730005

 730B10

 73171B

 732326

 732E31

 733A3C

 734547

 735152

 735C5D

 736868

# Harmonies

## Analogous

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



790030



730005



5D2600

# Triad

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



730005



004410



003989

# Complementary

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



730005



00736E

# 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.



004381



730005



00463D

# Square

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



730005



0A4000



004665



3A2679

# Rectangle

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



730005



483200



004665



003D89



# Sweetspot

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



730005



96696B



6D0073



4D3132



CCCCCC



4D4D4D



# Same Dimension

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



730005



960007



733400



3B3535



7A0005



FA000B



# Inverse Universe

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



730005



960007



003F73



3B3535



7A0005

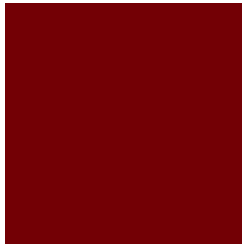


FA000B



# Previews

## White Background



This preview shows how the Hex color 730005 looks on a white background.

## Color Contrast Check

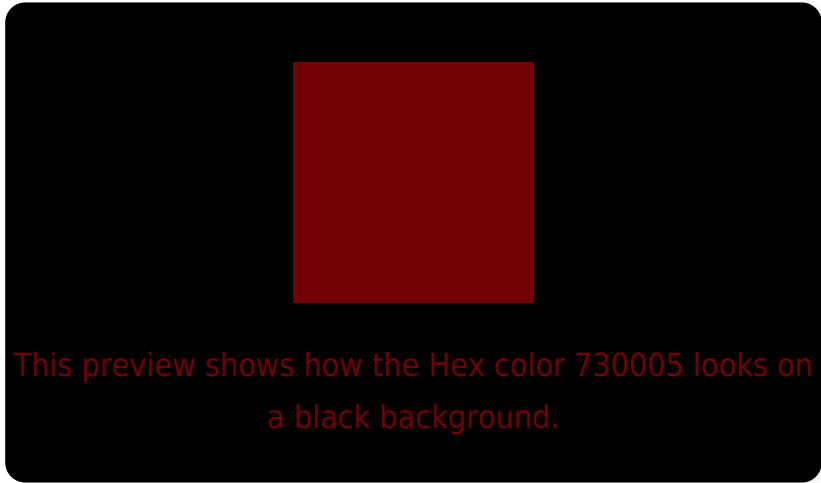
Large Text (above 18pt) WCAG AA ✓ Pass

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 730005 Background



This preview shows how black text looks on a background with the Hex color 730005.



This preview shows how white text looks on a background with the Hex color 730005.

# 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**  
730005

**Protanopia**  
413A10

**Deuteranopia**  
493700



**Tritanopia**  
720B00

# Trichromacy



**Original Color**  
730005

**Protanomaly**  
53250C

**Deuteranomaly**  
582302

**Tritanomaly**  
720702

# Monochromacy



**Original Color**  
730005

**Achromatopsia**  
232323

**Achromatomaly**  
401618

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730005 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 #730005 looks like.

```
.text, #text, p{  
    color:#730005  
}
```

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 #730005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730005
}
```

## Border

The CSS property to change the border of an element to Hex 730005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

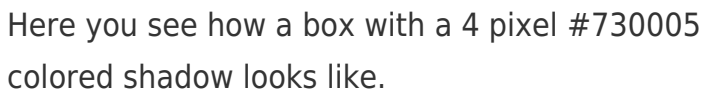
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730005 }
```

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

```
.border{ border-color:#730005 }
```

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



Here you see how a box with a 4 pixel #730005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730005; -webkit-box-shadow:4px 4px  
4px 4px #730005; box-shadow:4px 4px 4px  
4px #730005 }
```

# Background

The CSS property to change the background color of an element to Hex 730005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730005 }
```

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

```
.background{ background-color:#730005 }
```

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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