

Converting Colors

Hex(730004)

Have a look what the booklet for
Hex(730004) contains.

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Color

Hex(730004)

Conversions

Conversions Part 1

Format	Color
Hex	730004
RGB	115, 0, 4
RGB Percent	45%, 0%, 2%
CMY	0.5490, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.97, 0.55
HSL	358°, 100%, 23%
HSV	358°, 100%, 45%
XYZ	7.0921, 3.6536, 0.4463
YIQ	34.8410, 67.2560, 25.6240

Conversions

Conversions Part 2

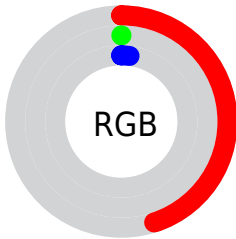
Format	Color
RYB	115, 0, 4
Decimal	7536644
CIELab	22.49, 44.59, 32.40
CIElCh	22, 55.113, 36.001
Yxy	3.6536, 0.6337, 0.3264
Android (android.graphics.Color)	4285726724 (0xFF730004)
YUV	34.8410, -15.2046, 70.2994
Hunter-Lab	19.1144, 32.7799, 11.9958

Details

The Hex color **730004** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00736F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **AE3F31**, and **3B0001** is the 20% darker color. If you saturate the color by 10%, you get **730004**, and if you desaturate by 10%, it is **730B0F**.

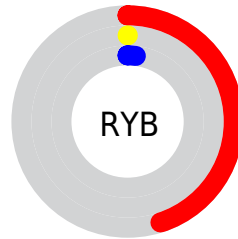
Distribution



Red (45%)

Green (0%)

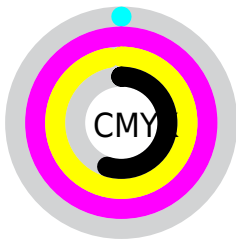
Blue (2%)



Red (45%)

Yellow (0%)

Blue (2%)

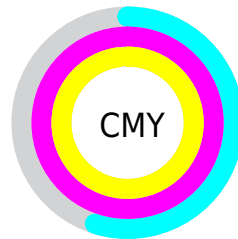


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (55%)



Cyan (55%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730004 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 730004 by changing the saturation by 10% instead.

 730004

 730004

 FFFFE5

 560000

 AE3F31

 3B0001

 CD5948

 190001

 EB7460

 000000

 FF8F79

 FFAA93

 FFC6AE

 FFE3C9

 730004

 730B0F

 73171A

 732325

 732E30

 733A3B

 734547

 735152

 735C5D

 736868

Harmonies

Analogous

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



7A0030



730004



5D2600

Triad

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



730004



004411



003989

Complementary

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



730004



00736F

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.



004382



730004



00463D

Square

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



730004



084000



004666



3B2579

Rectangle

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



730004



483200



004666



003D89

Sweetspot

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



730004



96696B



6D0073



4D3132



CCCCCC



4D4D4D

Same Dimension

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



730004



960005



733400



3B3535



7A0004



FA0009

Inverse Universe

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



730004



960005



003F73



3B3535



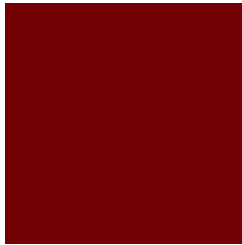
7A0004



FA0009

Previews

White Background



This preview shows how the Hex color 730004 looks on a white background.

Color Contrast Check

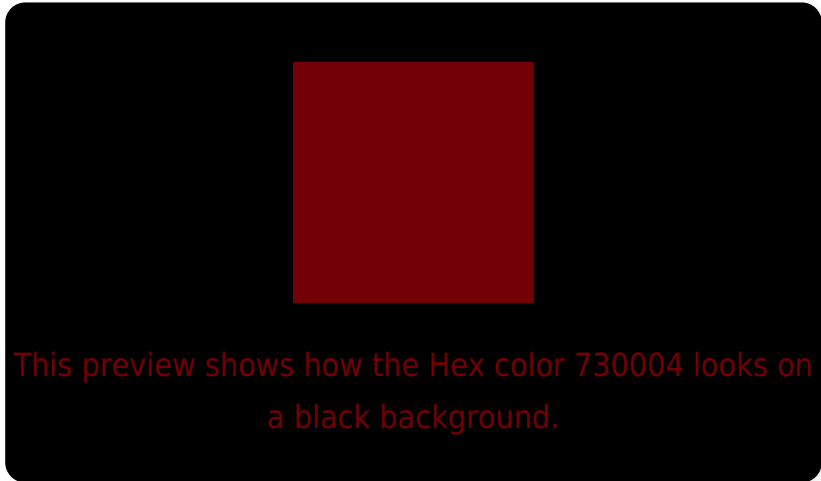
Large Text (above 18pt) WCAG AA ✓ Pass

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 730004 Background



This preview shows how black text looks on a background with the Hex color 730004.



This preview shows how white text looks on a background with the Hex color 730004.

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
730004

Protanopia
413A10

Tritanopia
720B00

Trichromacy



Original Color
730004

Protanomaly
53250C

Tritanomaly
720701

Monochromacy



Original Color
730004

Achromatopsia
232323

Achromatomaly
401618

CSS Examples

Text

The CSS property to change the color of the text to Hex 730004 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 #730004 looks like.

```
.text, #text, p{  
    color:#730004  
}
```

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 #730004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730004
}
```

Border

The CSS property to change the border of an element to Hex 730004 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".

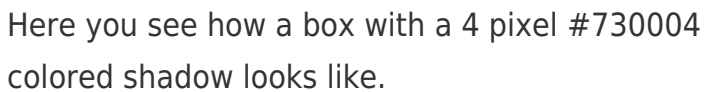
```
.border, #border, table{ border:4px solid
#730004 }
```

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

```
.border{ border-color:#730004 }
```

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

Here you see how a box with a 4 pixel #730004 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 #730004; -webkit-box-shadow:4px 4px  
4px 4px #730004; box-shadow:4px 4px 4px  
4px #730004 }
```

Background

The CSS property to change the background color of an element to Hex 730004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730004 }
```

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

```
.background{ background-color:#730004 }
```

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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