

Converting Colors

Hex(730016)

Have a look what the booklet for
Hex(730016) contains.

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Color

Hex(730016)

Conversions

Conversions Part 1

Format	Color
Hex	730016
RGB	115, 0, 22
RGB Percent	45%, 0%, 9%
CMY	0.5490, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.81, 0.55
HSL	349°, 100%, 23%
HSV	349°, 100%, 45%
XYZ	7.2150, 3.7028, 1.0935
YIQ	36.8930, 61.4780, 31.2220

Conversions

Conversions Part 2

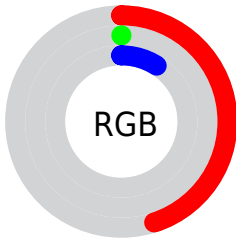
Format	Color
RYB	115, 0, 22
Decimal	7536662
CIELab	22.66, 45.06, 23.51
CIELCh	23, 50.821, 27.557
Yxy	3.7028, 0.6007, 0.3083
Android (android.graphics.Color)	4285726742 (0xFF730016)
YUV	36.8930, -7.3422, 68.4998
Hunter-Lab	19.2426, 33.2545, 10.1006

Details

The Hex color **730016** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00735D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **AE3F41**, and **3B0001** is the 20% darker color. If you saturate the color by 10%, you get **730016**, and if you desaturate by 10%, it is **730B1F**.

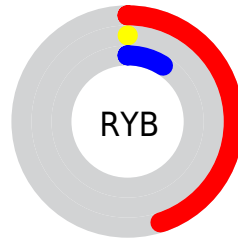
Distribution



Red (45%)

Green (0%)

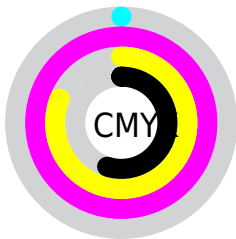
Blue (9%)



Red (45%)

Yellow (0%)

Blue (9%)

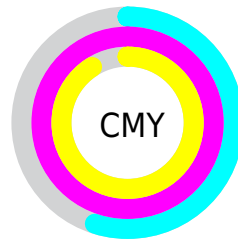


Cyan (0%)

Magenta (100%)

Yellow (81%)

Black (55%)



Cyan (55%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730016 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 730016 by changing the saturation by 10% instead.

 730016

 730016

 FFFFF8

 570000

 AE3F41

 3B0001

 CB5A58

 1A0001

 EA7470

 000000

 FF8F8A

 FFABA4

 FFC7BF

 FFE3DB

 730016

 730B1F

 731729

 732332

 732E3B

 733A45

 73454E

 735157

 735C60

 73686A

Harmonies

Analogous

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



74003B



730016



622200

Triad

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



730016



004307



003C83

Complementary

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



730016



00735D

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.



004376



730016



004532

Square

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



730016



213E00



004558



242D7A

Rectangle

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



730016



502F00



004558



004081

Sweetspot

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



730016



966972



5C0073



4D3136



CCCCCC



4D4D4D

Same Dimension

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



730016



96001D



732300



3B3536



7A0017



FA0030

Inverse Universe

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



730016



96001D



005073



3B3536



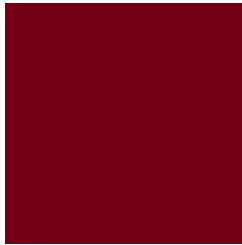
7A0017



FA0030

Previews

White Background



This preview shows how the Hex color 730016 looks on a white background.

Color Contrast Check

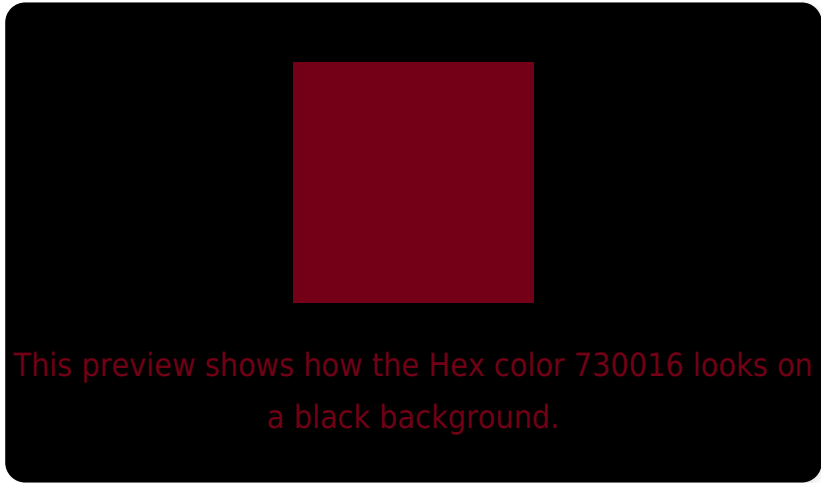
Large Text (above 18pt) WCAG AA ✓ Pass

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 730016 Background



This preview shows how black text looks on a background with the Hex color 730016.



This preview shows how white text looks on a background with the Hex color 730016.

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
730016

Protanopia
403A22

Deuteranopia
49370D



Tritanopia
730A00

Trichromacy



Original Color
730016

Protanomaly
53251E

Deuteranomaly
582310

Tritanomaly
730608

Monochromacy



Original Color
730016

Achromatopsia
252525

Achromatomaly
411820

CSS Examples

Text

The CSS property to change the color of the text to Hex 730016 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 #730016 looks like.

```
.text, #text, p{  
    color:#730016  
}
```

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 #730016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730016
}
```

Border

The CSS property to change the border of an element to Hex 730016 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".

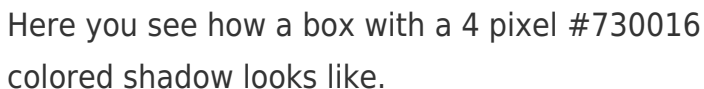
```
.border, #border, table{ border:4px solid
#730016 }
```

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

```
.border{ border-color:#730016 }
```

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

Here you see how a box with a 4 pixel #730016 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #730016 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730016; -webkit-box-shadow:4px 4px  
4px 4px #730016; box-shadow:4px 4px 4px  
4px #730016 }
```

Background

The CSS property to change the background color of an element to Hex 730016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730016 }
```

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

```
.background{ background-color:#730016 }
```

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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