

Converting Colors

Hex(730E00)

Have a look what the booklet for
Hex(730E00) contains.

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Color

Hex(730E00)

Conversions

Conversions Part 1

Format	Color
Hex	730E00
RGB	115, 14, 0
RGB Percent	45%, 5%, 0%
CMY	0.5490, 0.9451, 1.0000
CMYK	0.00, 0.88, 1.00, 0.55
HSL	7°, 100%, 23%
HSV	7°, 100%, 45%
XYZ	7.2273, 3.9589, 0.3832
YIQ	42.6030, 64.6900, 17.0580

Conversions

Conversions Part 2

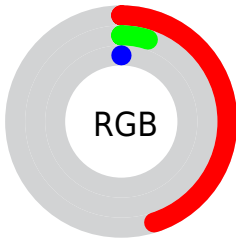
Format	Color
RYB	115, 16, 0
Decimal	7540224
CIELab	23.54, 41.42, 35.10
CIELCh	24, 54.288, 40.277
Yxy	3.9589, 0.6247, 0.3422
Android (android.graphics.Color)	4285730304 (0xFF730E00)
YUV	42.6030, -21.0033, 63.4922
Hunter-Lab	19.8970, 30.0174, 12.7860

Details

The Hex color **730E00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006573**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **AE452F**, and **3A0000** is the 20% darker color. If you saturate the color by 10%, you get **730E00**, and if you desaturate by 10%, it is **73180B**.

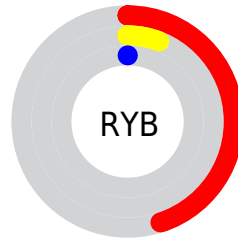
Distribution



Red (45%)

Green (5%)

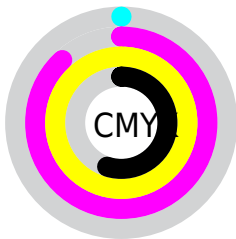
Blue (0%)



Red (45%)

Yellow (6%)

Blue (0%)

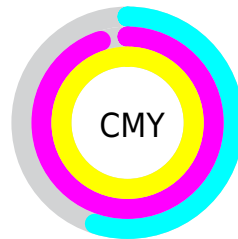


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730E00 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 730E00 by changing the saturation by 10% instead.

 730E00

 730E00

 FFFFE3

 560000

 AE452F

 3A0000

 CC5F46

 1B0001

 EB795E

 000000

 FF9477

 FFB091

 FFCCAB

 FFE8C7

 730E00

 73180B

 732217

 732C23

 73362E

 73413A

 734B45

 735551

 735F5C

 736968

Harmonies

Analogous

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



7C002C



730E00



5B2C00

Triad

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



730E00



00471A



00398A

Complementary

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



730E00



006573

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.



004486



730E00



004846

Square

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



730E00



014300



00486C



472477

Rectangle

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



730E00



463700



00486C



003E8B

Sweetspot

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



730E00



966F69



730066



4D3431



CCCCCC



4D4D4D

Same Dimension

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



730E00



961200



734700



3B3535



7A0F00



FA1E00

Inverse Universe

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



006573



008496



002C73



353A3B



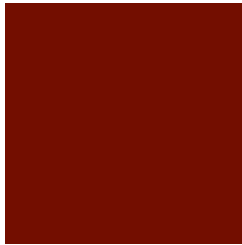
006B7A



00DBFA

Previews

White Background



This preview shows how the Hex color 730E00 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

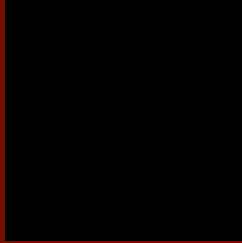
Any Text WCAG AA × Fail

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 730E00 Background



This preview shows how black text looks on a background with the Hex color 730E00.



This preview shows how white text looks on a background with the Hex color 730E00.

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
730E00

Protanopia
423B0E

Deuteranopia
4A3800



Tritanopia
730D0A

Trichromacy



Original Color
730E00

Protanomaly
542B09

Deuteranomaly
592900

Tritanomaly
730D06

Monochromacy



Original Color
730E00

Achromatopsia
2B2B2B

Achromatomaly
45201B

CSS Examples

Text

The CSS property to change the color of the text to Hex 730E00 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 #730E00 looks like.

```
.text, #text, p{  
    color:#730E00  
}
```

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 #730E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730E00
}
```

Border

The CSS property to change the border of an element to Hex 730E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

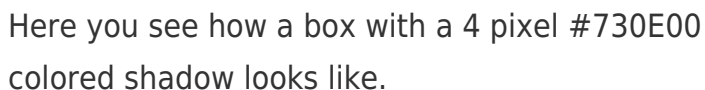
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730E00 }
```

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

```
.border{ border-color:#730E00 }
```

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



Here you see how a box with a 4 pixel #730E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730E00; -webkit-box-shadow:4px 4px  
4px 4px #730E00; box-shadow:4px 4px 4px  
4px #730E00 }
```

Background

The CSS property to change the background color of an element to Hex 730E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730E00 }
```

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

```
.background{ background-color:#730E00 }
```

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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