

Converting Colors

Hex(730B0B)

Have a look what the booklet for
Hex(730B0B) contains.

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Color

Hex(730B0B)

Conversions

Conversions Part 1

Format	Color
Hex	730B0B
RGB	115, 11, 11
RGB Percent	45%, 4%, 4%
CMY	0.5490, 0.9569, 0.9569
CMYK	0.00, 0.90, 0.90, 0.55
HSL	0°, 83%, 25%
HSV	0°, 90%, 45%
XYZ	7.2503, 3.9083, 0.6889
YIQ	42.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

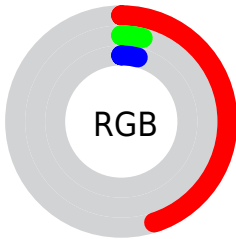
Format	Color
R_{YB}	115, 11, 11
Decimal	7539467
CIE Lab	23.37, 42.37, 30.43
CIE LCh	23, 52.168, 35.688
Yxy	3.9083, 0.6120, 0.3299
Android (android.graphics.Color)	4285729547 (0xFF730B0B)
YUV	42.0960, -15.3303, 63.9368
Hunter-Lab	19.7695, 30.8667, 11.7727

Details

The Hex color **730B0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B7373**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **AE4436**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **730000**, and if you desaturate by 10%, it is **731616**.

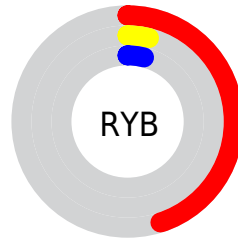
Distribution



Red (45%)

Green (4%)

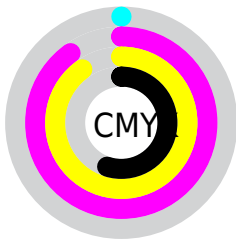
Blue (4%)



Red (45%)

Yellow (4%)

Blue (4%)

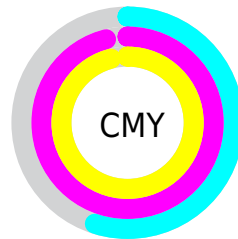


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (55%)



Cyan (55%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730B0B 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 730B0B by changing the saturation by 10% instead.

 730B0B

 730B0B

 FFFFEC

 560000

 AE4436

 3B0000

 CC5E4E

 1B0001

 EA7866

 000000

 FF937F

 FFAF99

 FFCBB4

 FFE7CF

 730B0B

 730B0B

■ 730000

■ 731616

■ 732222

■ 732D2D

■ 733939

■ 734444

■ 735050

■ 735C5C

■ 736767

■ 737272

Harmonies

Analogous

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



790032



730B0B



5E2900

Triad

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



730B0B



004614



003B87

Complementary

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



730B0B



0B7373

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.



004480



730B0B



00473E

Square

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



730B0B



134100



004765



3D2978

Rectangle

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



730B0B



4A3400



004765



003F87

Sweetspot

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



730B0B



966E6E



730B73



4D3434



CCCCCC



4D4D4D

Same Dimension

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



730B0B



960000



733F0B



3B3535



7A0000



FA0000

Inverse Universe

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



0B7373



009696



0B3F73



353B3B



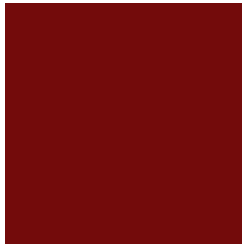
007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 730B0B looks on a white background.

Color Contrast Check

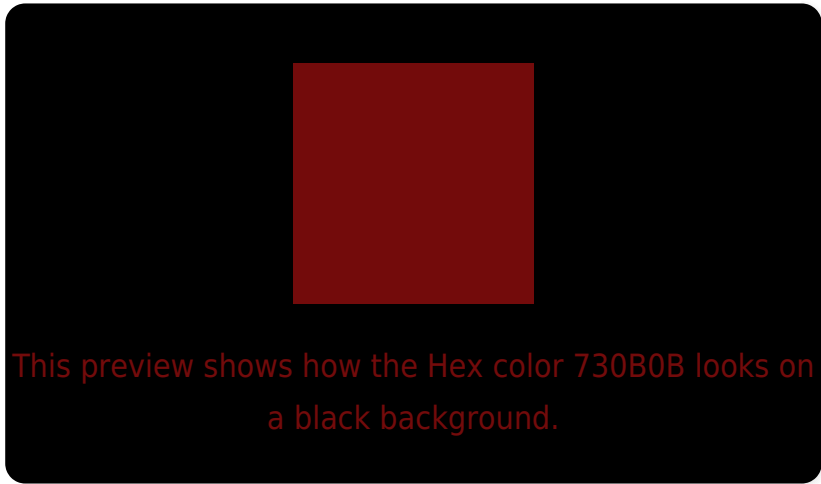
Large Text (above 18pt) WCAG AA ✓ Pass

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

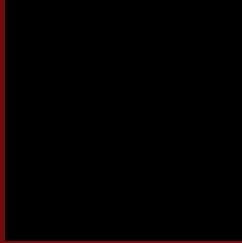
Any Text WCAG AA × Fail

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 730B0B Background



This preview shows how black text looks on a background with the Hex color 730B0B.



This preview shows how white text looks on a background with the Hex color 730B0B.

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
730B0B

Protanopia
413B15

Deuteranopia
4A3800



Tritanopia
730B07

Trichromacy



Original Color

730B0B

Protanomaly

532A11

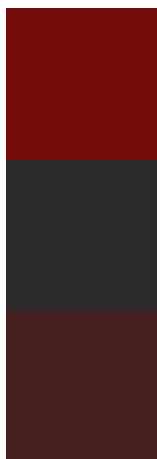
Deuteranomaly

592804

Tritanomaly

730B08

Monochromacy



Original Color

730B0B

Achromatopsia

2A2A2A

Achromatomaly

451F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 730B0B 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 #730B0B looks like.

```
.text, #text, p{  
    color:#730B0B  
}
```

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 #730B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730B0B
}
```

Border

The CSS property to change the border of an element to Hex 730B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

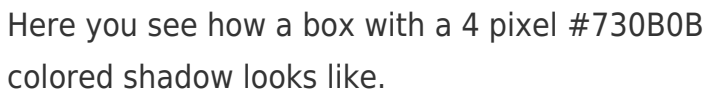
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730B0B }
```

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

```
.border{ border-color:#730B0B }
```

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



Here you see how a box with a 4 pixel #730B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730B0B; -webkit-box-shadow:4px 4px  
4px 4px #730B0B; box-shadow:4px 4px 4px  
4px #730B0B }
```

Background

The CSS property to change the background color of an element to Hex 730B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730B0B }
```

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

```
.background{ background-color:#730B0B }
```

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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