

Converting Colors

Hex(730002)

Have a look what the booklet for
Hex(730002) contains.

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Color

Hex(730002)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 730002 |
| RGB | 115, 0, 2 |
| RGB Percent | 45%, 0%, 1% |
| CMY | 0.5490, 1.0000, 0.9922 |
| CMYK | 0.00, 1.00, 0.98, 0.55 |
| HSL | 359°, 100%, 23% |
| HSV | 359°, 100%, 45% |
| XYZ | 7.0812, 3.6492, 0.3886 |
| YIQ | 34.6130, 67.8980, 25.0020 |

Conversions

Conversions Part 2

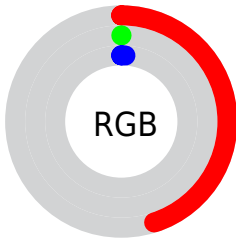
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 115, 0, 2 |
| Decimal | 7536642 |
| CIE Lab | 22.48, 44.55, 33.19 |
| CIE LCh | 22, 55.553, 36.693 |
| Yxy | 3.6492, 0.6369, 0.3282 |
| Android (android.graphics.Color) | 4285726722 (0xFF730002) |
| YUV | 34.6130, -16.0782, 70.4994 |
| Hunter-Lab | 19.1029, 32.7373, 12.1660 |

Details

The Hex color **730002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007371**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **AE3F30**, and **3A0001** is the 20% darker color. If you saturate the color by 10%, you get **730002**, and if you desaturate by 10%, it is **730B0D**.

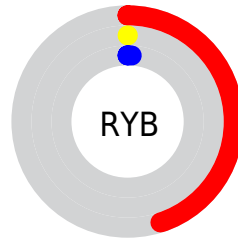
Distribution



Red (45%)

Green (0%)

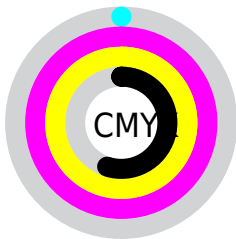
Blue (1%)



Red (45%)

Yellow (0%)

Blue (1%)

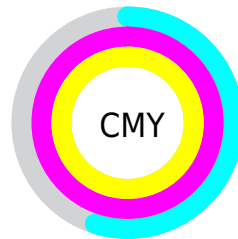


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (55%)



Cyan (55%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730002 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 730002 by changing the saturation by 10% instead.

 730002

 730002

 FFFFE4

 560000

 AE3F30

 3A0001

 CD5947

 190001

 EB745F

 000000

 FF8F78

 FFAA92

 FFC6AC

 FFE3C8

 730002

 730B0D

 731719

 732324

 732E2F

 733A3B

 734546

 735151

 735C5C

 736868

Harmonies

Analogous

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



7A002F



730002



5C2600

Triad

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



730002



004411



00398A

Complementary

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



730002



007371

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.



004383



730002



00463E

Square

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



730002



054000



004667



3C2479

Rectangle

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



730002



473300



004667



003D8A

Sweetspot

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



730002



96696A



6F0073



4D3131



CCCCCC



4D4D4D

Same Dimension

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



730002



960003



733600



3B3535



7A0002



FA0004

Inverse Universe

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



730002



960003



003D73



3B3535



7A0002



FA0004

Previews

White Background



This preview shows how the Hex color 730002 looks on a white background.

Color Contrast Check

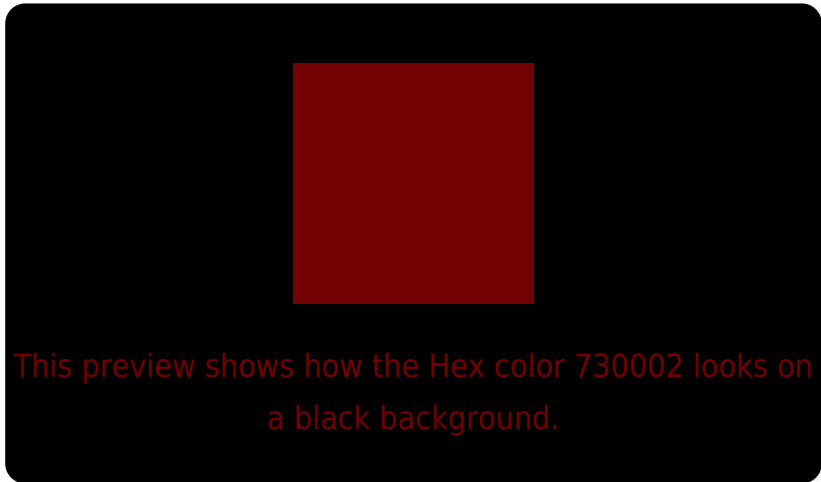
Large Text (above 18pt) WCAG AA ✓ Pass

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

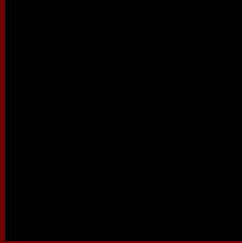
Any Text WCAG AA × Fail

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 730002 Background



This preview shows how black text looks on a background with the Hex color 730002.



This preview shows how white text looks on a background with the Hex color 730002.

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
730002

Protanopia
413A0F

Deuteranopia
493700



Tritanopia
720B00

Trichromacy



Original Color

730002

Protanomaly

53250A

Deuteranomaly

582301

Tritanomaly

720701

Monochromacy



Original Color

730002

Achromatopsia

232323

Achromatomaly

401617

CSS Examples

Text

The CSS property to change the color of the text to Hex 730002 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 #730002 looks like.

```
.text, #text, p{  
    color:#730002  
}
```

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 #730002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730002
}
```

Border

The CSS property to change the border of an element to Hex 730002 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
#730002 }
```

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

```
.border{ border-color:#730002 }
```

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

Here you see how a box with a 4 pixel #730002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730002; -webkit-box-shadow:4px 4px  
4px 4px #730002; box-shadow:4px 4px 4px  
4px #730002 }
```

Background

The CSS property to change the background color of an element to Hex 730002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730002 }
```

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

```
.background{ background-color:#730002 }
```

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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