

Converting Colors

Hex(732C00)

Have a look what the booklet for
Hex(732C00) contains.

Hex(732C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(732C00)

Conversions

Conversions Part 1

Format	Color
Hex	732C00
RGB	115, 44, 0
RGB Percent	45%, 17%, 0%
CMY	0.5490, 0.8275, 1.0000
CMYK	0.00, 0.62, 1.00, 0.55
HSL	23°, 100%, 23%
HSV	23°, 100%, 45%
XYZ	7.9709, 5.4462, 0.6311
YIQ	60.2130, 56.4400, 1.3680

Conversions

Conversions Part 2

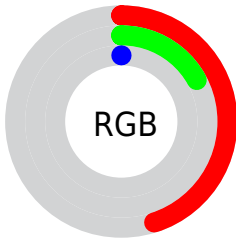
Format	Color
RYB	115, 71, 0
Decimal	7547904
CIELab	27.97, 29.33, 39.20
CIELCh	28, 48.956, 53.193
Yxy	5.4462, 0.5674, 0.3877
Android (android.graphics.Color)	4285737984 (0xFF732C00)
YUV	60.2130, -29.6850, 48.0482
Hunter-Lab	23.3371, 20.1277, 14.7326

Details

The Hex color **732C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004773**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AD5C30**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **732C00**, and if you desaturate by 10%, it is **73330B**.

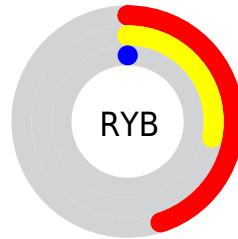
Distribution



Red (45%)

Green (17%)

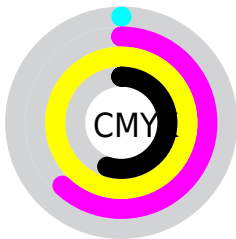
Blue (0%)



Red (45%)

Yellow (28%)

Blue (0%)

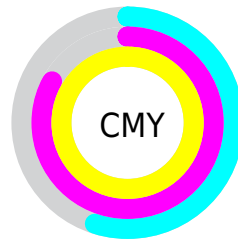


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732C00 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 732C00 by changing the saturation by 10% instead.

 732C00

 732C00

 FFFFE7

 571400

 AD5C30

 3B0000

 CB7548

 220001

 E99060

 000000

 FFAA79

 FFC694

 FFE2AF

 FFFFCA

 732C00

 73330B

 733A17

 734123

 73482E

 73503A

 735745

 735E51

 73655C

 736C68

Harmonies

Analogous

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



821627



732C00



593D00

Triad

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



732C00



005238



283C88

Complementary

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



732C00



004773

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.



00498E



732C00



00525F

Square

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



732C00



004F0F



00507E



662770

Rectangle

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



732C00



434600



00507E



00418C

Sweetspot

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



732C00



967B69



730049



4D3B31



CCCCCC



4D4D4D

Same Dimension

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



732C00



963A00



736400



3B3735



7A2F00



FA6000

Inverse Universe

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



004773



005D96



000F73



35383B



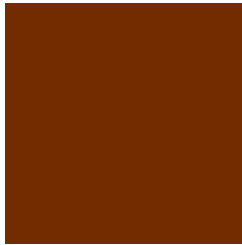
004C7A



009AFA

Previews

White Background



This preview shows how the Hex color 732C00 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

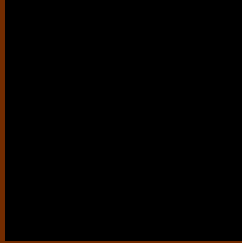
Any Text WCAG AA × Fail

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 732C00 Background



This preview shows how black text looks on a background with the Hex color 732C00.



This preview shows how white text looks on a background with the Hex color 732C00.

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
732C00

Protanopia
4C430C

Deuteranopia
554000



Tritanopia
74292B

Trichromacy



Original Color
732C00

Protanomaly
5A3B08

Deuteranomaly
603900

Tritanomaly
742A1B

Monochromacy



Original Color
732C00

Achromatopsia
3C3C3C

Achromatomaly
503626

CSS Examples

Text

The CSS property to change the color of the text to Hex 732C00 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 #732C00 looks like.

```
.text, #text, p{  
    color:#732C00  
}
```

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 #732C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732C00  
}
```

Border

The CSS property to change the border of an element to Hex 732C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

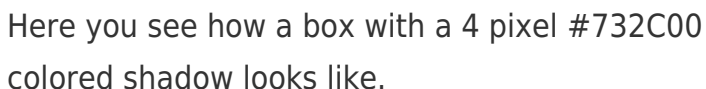
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#732C00 }
```

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

```
.border{ border-color:#732C00 }
```

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



Here you see how a box with a 4 pixel #732C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732C00; -webkit-box-shadow:4px 4px  
4px 4px #732C00; box-shadow:4px 4px 4px  
4px #732C00 }
```

Background

The CSS property to change the background color of an element to Hex 732C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732C00 }
```

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

```
.background{ background-color:#732C00 }
```

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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