

# Converting Colors

Hex(732300)

Have a look what the booklet for  
Hex(732300) contains.

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**Color**

**Hex(732300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732300
RGB	115, 35, 0
RGB Percent	45%, 14%, 0%
CMY	0.5490, 0.8627, 1.0000
CMYK	0.00, 0.70, 1.00, 0.55
HSL	18°, 100%, 23%
HSV	18°, 100%, 45%
XYZ	7.6713, 4.8469, 0.5312
YIQ	54.9300, 58.9150, 6.0750

# Conversions

## Conversions Part 2

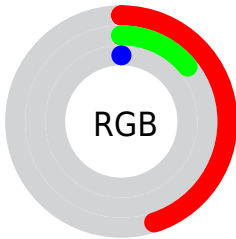
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 50, 0
Decimal	7545600
CIE Lab	26.29, 33.78, 37.74
CIE LCh	26, 50.645, 48.169
Yxy	4.8469, 0.5879, 0.3714
Android (android.graphics.Color)	4285735680 (0xFF732300)
YUV	54.9300, -27.0805, 52.6814
Hunter-Lab	22.0157, 23.6701, 13.9803

# Details

The Hex color **732300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005073**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AD542F**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **732300**, and if you desaturate by 10%, it is **732B0B**.

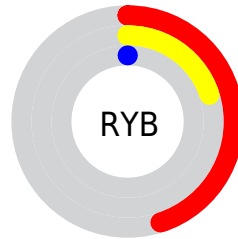
# Distribution



Red (45%)

Green (14%)

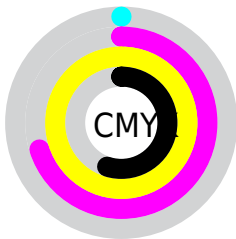
Blue (0%)



Red (45%)

Yellow (20%)

Blue (0%)

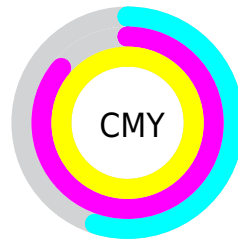


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (86%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732300 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 732300 by changing the saturation by 10% instead.



 732300

 732300

 FFFFE5

 570800

 AD542F

 3B0000

 CB6D47

 200001

 EA875F

 000000

 FFA278

 FFBE92

 FFDAAD

 FFF7C9

 732300

 732B0B

 733317

 733B23

 73432E

 734B3A

 735345

 735B51

 73635C

 736B68

# Harmonies

## Analogous

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



800629



732300



5A3700

# Triad

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



732300



004D2D



003B89

# Complementary

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



732300



005073

# 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.



00478B



732300



004E55

# Square

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



732300



004A00



004D78



5B2672

# Rectangle

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



732300



444000



004D78



00408C



# Sweetspot

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



732300



967769



730051



4D3931



CCCCCC



4D4D4D



# Same Dimension

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



732300



962E00



735C00



3B3735



7A2500



FA4C00



# Inverse Universe

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



005073



006996



001773



35393B



00557A

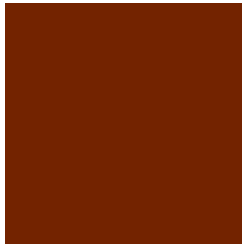


00AEFA



# Previews

## White Background



This preview shows how the Hex color 732300 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

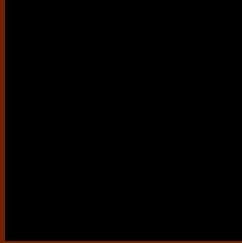
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 732300 Background



This preview shows how black text looks on a background with the Hex color 732300.



This preview shows how white text looks on a background with the Hex color 732300.

# 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**  
732300

**Protanopia**  
48400D

**Deuteranopia**  
503D00



# Trichromacy



**Original Color**  
732300

**Protanomaly**  
583508

**Deuteranomaly**  
5D3400

**Tritanomaly**  
742216

# Monochromacy



**Original Color**  
732300

**Achromatopsia**  
373737

**Achromatomaly**  
4D3023

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732300 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 #732300 looks like.

```
.text, #text, p{  
    color:#732300  
}
```

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 #732300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732300
}
```

## Border

The CSS property to change the border of an element to Hex 732300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

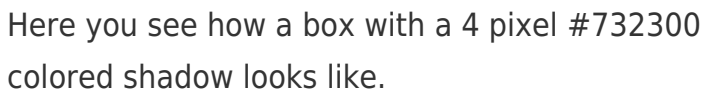
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732300 }
```

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

```
.border{ border-color:#732300 }
```

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



Here you see how a box with a 4 pixel #732300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732300; -webkit-box-shadow:4px 4px  
4px 4px #732300; box-shadow:4px 4px 4px  
4px #732300 }
```

# Background

The CSS property to change the background color of an element to Hex 732300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732300 }
```

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

```
.background{ background-color:#732300 }
```

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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