

# Converting Colors

Hex(732B00)

Have a look what the booklet for  
Hex(732B00) contains.

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**Color**

**Hex(732B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732B00
RGB	115, 43, 0
RGB Percent	45%, 17%, 0%
CMY	0.5490, 0.8314, 1.0000
CMYK	0.00, 0.63, 1.00, 0.55
HSL	22°, 100%, 23%
HSV	22°, 100%, 45%
XYZ	7.9341, 5.3726, 0.6188
YIQ	59.6260, 56.7150, 1.8910

# Conversions

## Conversions Part 2

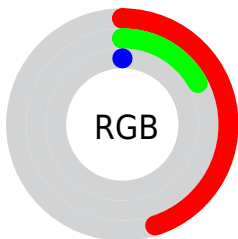
Format	Color
<b>R<sub>Y</sub>B</b>	115, 69, 0
Decimal	7547648
CIE Lab	27.77, 29.85, 39.03
CIE LCh	28, 49.137, 52.590
Yxy	5.3726, 0.5698, 0.3858
Android (android.graphics.Color)	4285737728 (0xFF732B00)
YUV	59.6260, -29.3956, 48.5630
Hunter-Lab	23.1789, 20.5375, 14.6422

# Details

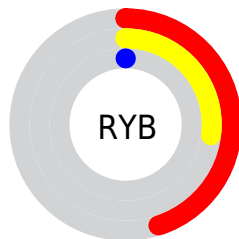
The Hex color **732B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004873**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AD5B30**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **732B00**, and if you desaturate by 10%, it is **73320B**.

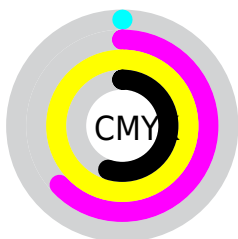
# Distribution



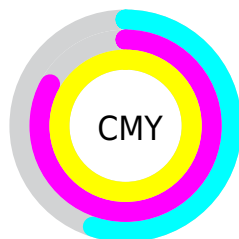
- Red (45%)
- Green (17%)
- Blue (0%)



- Red (45%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (100%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732B00 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 732B00 by changing the saturation by 10% instead.



 732B00

 732B00

 FFFFE6

 571300

 AD5B30

 3B0000

 CB7548

 220001

 E98F60

 000000

 FFA979

 FFC593

 FFE1AE

 FFFECA

 732B00

 73320B

 733917

 734123

 73482E

 734F3A

 735645

 735D51

 73655C

 736C68

# Harmonies

## Analogous

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



811527



732B00



593D00

# Triad

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



732B00



005137



243C88

# Complementary

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



732B00



004873

# 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.



00498D



732B00



00525E

# Square

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



732B00



004E0D



00507D



652770

# Rectangle

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



732B00



434500



00507D



00418C



# Sweetspot

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



732B00



967A69



730049



4D3B31



CCCCCC



4D4D4D



# Same Dimension

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



732B00



963800



736400



3B3735



7A2E00



FA5D00



# Inverse Universe

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



004873



005E96



000F73



35383B



004D7A

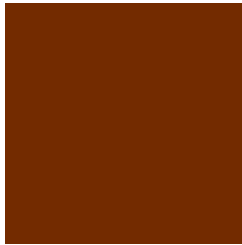


009CFA



# Previews

## White Background



This preview shows how the Hex color 732B00 looks on a white background.

## Color Contrast Check

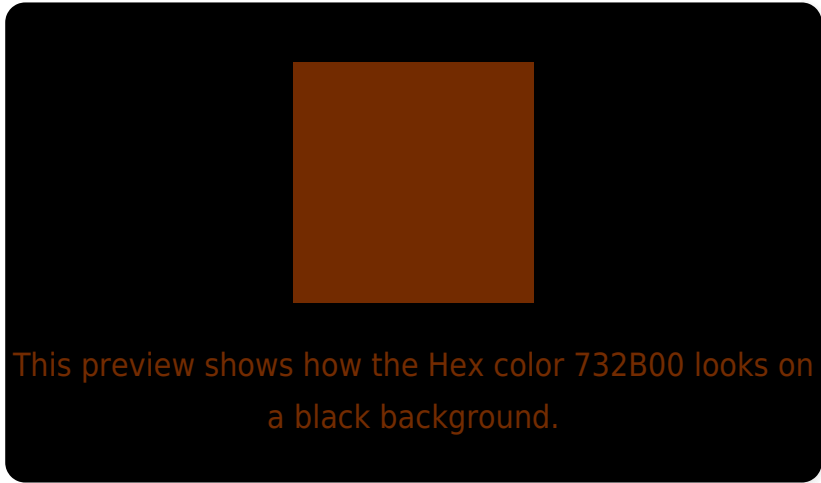
Large Text (above 18pt) WCAG AA ✓ Pass

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 732B00 Background



This preview shows how black text looks on a background with the Hex color 732B00.



This preview shows how white text looks on a background with the Hex color 732B00.

# 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**  
732B00

**Protanopia**  
4B430C

**Deuteranopia**  
543F00



**Tritanopia**  
74282A

# Trichromacy



**Original Color**  
732B00

**Protanomaly**  
5A3A08

**Deuteranomaly**  
5F3800

**Tritanomaly**  
74291B

# Monochromacy



**Original Color**  
732B00

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
503626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732B00 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 #732B00 looks like.

```
.text, #text, p{  
    color:#732B00  
}
```

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 #732B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732B00
}
```

## Border

The CSS property to change the border of an element to Hex 732B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

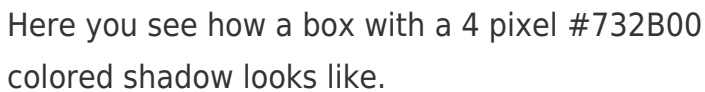
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732B00 }
```

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

```
.border{ border-color:#732B00 }
```

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



Here you see how a box with a 4 pixel #732B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732B00; -webkit-box-shadow:4px 4px  
4px 4px #732B00; box-shadow:4px 4px 4px  
4px #732B00 }
```

# Background

The CSS property to change the background color of an element to Hex 732B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732B00 }
```

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

```
.background{ background-color:#732B00 }
```

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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