

# Converting Colors

Hex(72332C)

Have a look what the booklet for  
Hex(72332C) contains.

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**Color**

**Hex(72332C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72332C
RGB	114, 51, 44
RGB Percent	45%, 20%, 17%
CMY	0.5529, 0.8000, 0.8275
CMYK	0.00, 0.55, 0.61, 0.55
HSL	6°, 44%, 31%
HSV	6°, 61%, 45%
XYZ	8.5779, 6.1269, 3.1134
YIQ	69.0390, 39.7950, 11.1790

# Conversions

## Conversions Part 2

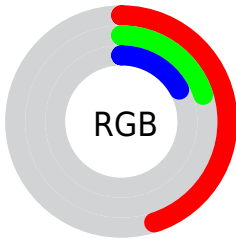
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 52, 44
Decimal	7484204
CIE <sub>Lab</sub>	29.73, 27.16, 17.69
CIE <sub>LCh</sub>	30, 32.414, 33.071
Yxy	6.1269, 0.4814, 0.3439
Android (android.graphics.Color)	4285674284 (0xFF72332C)
YUV	69.0390, -12.3442, 39.4308
Hunter-Lab	24.7526, 18.5412, 9.8693

# Details

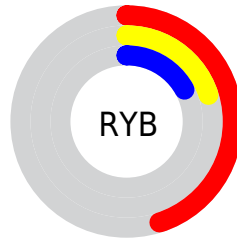
The Hex color **72332C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C6B72**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A9635A**, and **3E0400** is the 20% darker color. If you saturate the color by 10%, you get **722921**, and if you desaturate by 10%, it is **723D37**.

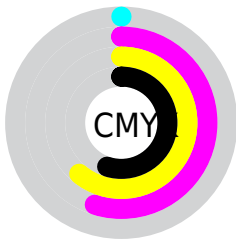
# Distribution



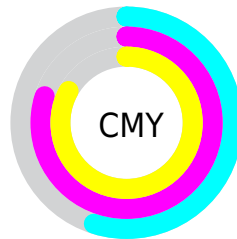
- Red (45%)
- Green (20%)
- Blue (17%)



- Red (45%)
- Yellow (20%)
- Blue (17%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72332C 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 72332C by changing the saturation by 10% instead.



 72332C

 72332C

FFFFFF

 571C17

 A9635A

 3E0400

 C67D72

 270001

 E3978C

 000000

 FFB2A6

 FFCEC1

 FFEADD

 FFFFFA

 72332C

 72332C

■ 722921

■ 723D37

■ 721E15

■ 724843

■ 72140A

■ 72524E

■ 720B00

■ 725C5A

■ 726665

■ 727170

■ 727B7C

■ 728587

■ 728F93

# Harmonies

## Analogous

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



732F44



72332C



653C19

# Triad

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



72332C



10512E



124878

# Complementary

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



72332C



2C6B72

# 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.



004F73



72332C



005248

# Square

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



72332C



374C19



005261



4A3E70

# Rectangle

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



72332C



594311



005261



004B78



# Sweetspot

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



72332C



947C79



722C6B



4A3B3A



C9C9C9



4A4A4A



# Same Dimension

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



72332C



943126



72562C



383332



780C00



F71900



# Inverse Universe

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



2C6B72



268994



2C4872



323838



006C78



00DFF7



# Previews

## White Background



This preview shows how the Hex color 72332C looks on a white background.

## Color Contrast Check

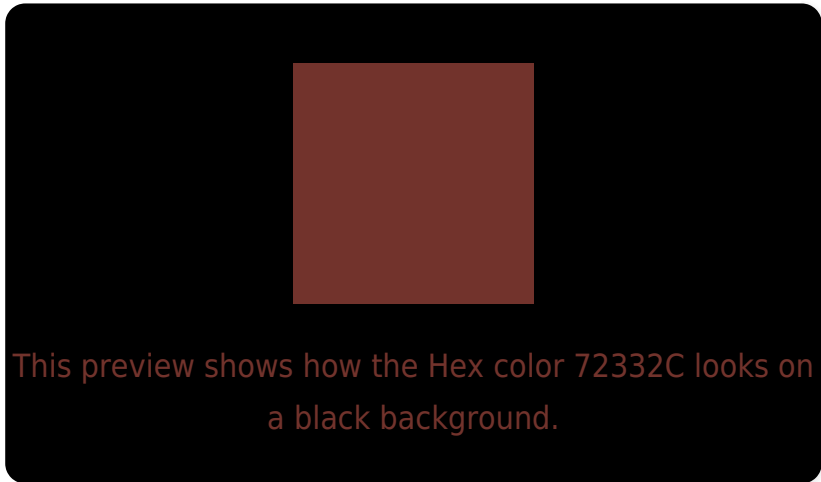
Large Text (above 18pt) WCAG AA ✓ Pass

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 72332C Background



This preview shows how black text looks on a background with the Hex color 72332C.

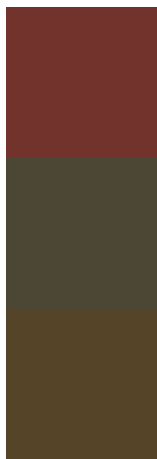


This preview shows how white text looks on a background with the Hex color 72332C.

# 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**  
72332C

**Protanopia**  
4C4734

**Deuteranopia**  
564429



**Tritanopia**  
733235

# Trichromacy



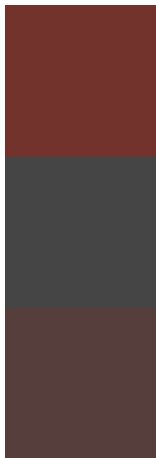
**Original Color**  
72332C

**Protanomaly**  
5A4031

**Deuteranomaly**  
603E2A

**Tritanomaly**  
733232

# Monochromacy



**Original Color**  
72332C

**Achromatopsia**  
454545

**Achromatomaly**  
553E3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72332C 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 #72332C looks like.

```
.text, #text, p{  
    color:#72332C  
}
```

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 #72332C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72332C
}
```

## Border

The CSS property to change the border of an element to Hex 72332C is called "border". The border property can be set on classes, ids or directly on the HTML element.

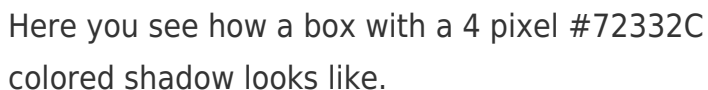
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72332C }
```

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

```
.border{ border-color:#72332C }
```

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



Here you see how a box with a 4 pixel #72332C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72332C; -webkit-box-shadow:4px 4px  
4px 4px #72332C; box-shadow:4px 4px 4px  
4px #72332C }
```

# Background

The CSS property to change the background color of an element to Hex 72332C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72332C }
```

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

```
.background{ background-color:#72332C }
```

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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