

Converting Colors

Hex(732323)

Have a look what the booklet for
Hex(732323) contains.

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Color

Hex(732323)

Conversions

Conversions Part 1

Format	Color
Hex	732323
RGB	115, 35, 35
RGB Percent	45%, 14%, 14%
CMY	0.5490, 0.8627, 0.8627
CMYK	0.00, 0.70, 0.70, 0.55
HSL	0°, 53%, 29%
HSV	0°, 70%, 45%
XYZ	7.9746, 4.9683, 2.1288
YIQ	58.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

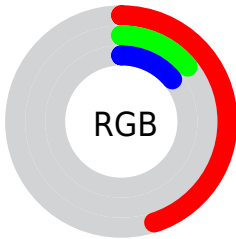
Format	Color
RYB	115, 35, 35
Decimal	7545635
CIELab	26.64, 35.08, 19.65
CIELCh	27, 40.206, 29.250
Yxy	4.9683, 0.5291, 0.3296
Android (android.graphics.Color)	4285735715 (0xFF732323)
YUV	58.9200, -11.7926, 49.1822
Hunter-Lab	22.2896, 24.8560, 9.9402

Details

The Hex color **732323** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **237373**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AC554F**, and **3D0000** is the 20% darker color. If you saturate the color by 10%, you get **731818**, and if you desaturate by 10%, it is **732F2F**.

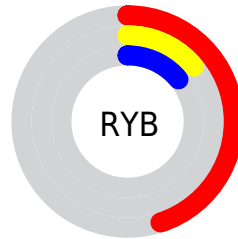
Distribution



Red (45%)

Green (14%)

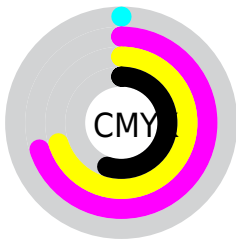
Blue (14%)



Red (45%)

Yellow (14%)

Blue (14%)

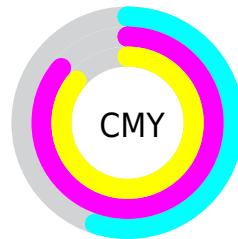


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (55%)



Cyan (55%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732323 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 732323 by changing the saturation by 10% instead.

 732323

 732323

FFFFFF

 57070E

 AC554F

 3D0000

 C96E68

 220001

 E68881

 000000

 FFA39B

 FFBFB6

 FFDBD1

 FFF8ED

 732323

 732323

■ 731818

■ 732F2F

■ 730C0C

■ 733A3A

■ 730101

■ 734646

■ 730000

■ 735151

■ 735D5D

■ 736868

■ 737474

■ 737F7F

■ 738B8B

Harmonies

Analogous

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



741E41



732323



653106

Triad

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



732323



004B1E



00437D

Complementary

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



732323



237373

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.



004A74



732323



004D3D

Square

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



732323



2F4600



004D5C



3B3775

Rectangle

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



732323



563A00



004D5C



00467C

Sweetspot

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



732323



967777



732373



4D3939



CCCCCC



4D4D4D

Same Dimension

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



732323



961A1A



734B23



3B3535



7A0000



FA0000

Inverse Universe

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



237373



1A9696



234B73



353B3B



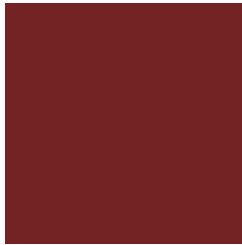
007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 732323 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

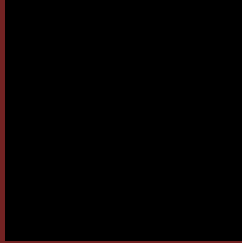
Any Text WCAG AA × Fail

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 732323 Background



This preview shows how black text looks on a background with the Hex color 732323.

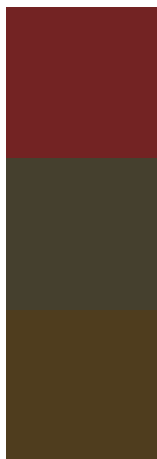


This preview shows how white text looks on a background with the Hex color 732323.

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
732323

Protanopia
45402E

Deuteranopia
4F3D1E

Trichromacy



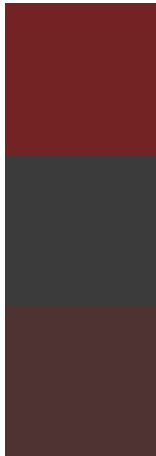
Original Color
732323

Protanomaly
56352A

Deuteranomaly
5C3420

Tritanomaly
732324

Monochromacy



Original Color
732323

Achromatopsia
3B3B3B

Achromatomaly
4F3232

CSS Examples

Text

The CSS property to change the color of the text to Hex 732323 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 #732323 looks like.

```
.text, #text, p{  
    color:#732323  
}
```

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 #732323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732323
}
```

Border

The CSS property to change the border of an element to Hex 732323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

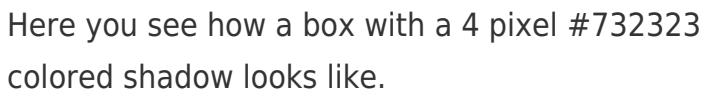
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732323 }
```

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

```
.border{ border-color:#732323 }
```

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



Here you see how a box with a 4 pixel #732323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732323; -webkit-box-shadow:4px 4px  
4px 4px #732323; box-shadow:4px 4px 4px  
4px #732323 }
```

Background

The CSS property to change the background color of an element to Hex 732323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732323 }
```

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

```
.background{ background-color:#732323 }
```

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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