

Converting Colors

Hex(732E22)

Have a look what the booklet for
Hex(732E22) contains.

Hex(732E22)	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(732E22)

Conversions

Conversions Part 1

Format	Color
Hex	732E22
RGB	115, 46, 34
RGB Percent	45%, 18%, 13%
CMY	0.5490, 0.8196, 0.8667
CMYK	0.00, 0.60, 0.70, 0.55
HSL	9°, 54%, 29%
HSV	9°, 70%, 45%
XYZ	8.3360, 5.7143, 2.1770
YIQ	65.2630, 44.9760, 10.8960

Conversions

Conversions Part 2

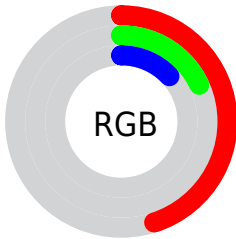
Format	Color
RYB	115, 48, 34
Decimal	7548450
CIELab	28.68, 29.56, 22.75
CIELCh	29, 37.303, 37.583
Yxy	5.7143, 0.5137, 0.3521
Android (android.graphics.Color)	4285738530 (0xFF732E22)
YUV	65.2630, -15.4127, 43.6193
Hunter-Lab	23.9046, 20.4129, 11.3337

Details

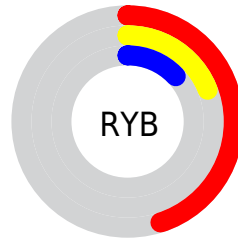
The Hex color **732E22** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **226773**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AB5E4F**, and **3D0000** is the 20% darker color. If you saturate the color by 10%, you get **732417**, and if you desaturate by 10%, it is **73382E**.

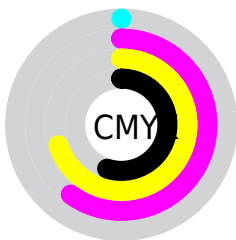
Distribution



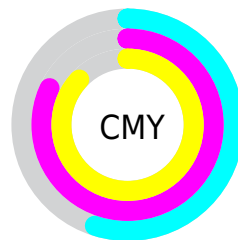
- Red (45%)
- Green (18%)
- Blue (13%)



- Red (45%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732E22 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 732E22 by changing the saturation by 10% instead.

 732E22

 732E22

FFFFFF

 58160D

 AB5E4F

 3D0000

 C87867

 250001

 E69280

 000000

 FFAD9A

 FFC9B5

 FFE5D1

 FFFFED

 732E22

 732E22

■ 732417

■ 73382E

■ 731A0B

■ 734239

■ 731100

■ 734B45

■ 735550

■ 735F5C

■ 736967

■ 737373

■ 737C7E

■ 73868A

Harmonies

Analogous

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



77273D



732E22



633A0A

Triad

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



732E22



00502C



05457D

Complementary

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



732E22



226773

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.



004C79



732E22



00514A

Square

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



732E22



2C4C11



005066



4E3972

Rectangle

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



732E22



544101



005066



00487D

Sweetspot

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



732E22



967C77



732268



4D3C39



CCCCCC



4D4D4D

Same Dimension

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



732E22



962A17



735522



3B3635



7A1200



FA2500

Inverse Universe

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



226773



178496



224073



353A3B



00687A



00D5FA

Previews

White Background



This preview shows how the Hex color 732E22 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 732E22 Background



This preview shows how black text looks on a background with the Hex color 732E22.

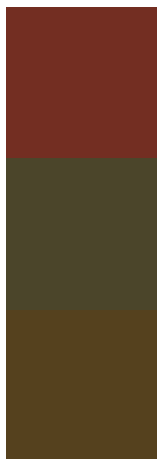


This preview shows how white text looks on a background with the Hex color 732E22.

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
732E22

Protanopia
4B452A

Deuteranopia
55411E



Tritanopia
742C2F

Trichromacy



Original Color
732E22

Protanomaly
5A3D27

Deuteranomaly
603A1F

Tritanomaly
742D2A

Monochromacy



Original Color
732E22

Achromatopsia
414141

Achromatomaly
533A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 732E22 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 #732E22 looks like.

```
.text, #text, p{  
  color:#732E22  
}
```

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 #732E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732E22
}
```

Border

The CSS property to change the border of an element to Hex 732E22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

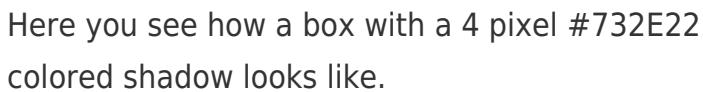
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732E22 }
```

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

```
.border{ border-color:#732E22 }
```

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



Here you see how a box with a 4 pixel #732E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732E22; -webkit-box-shadow:4px 4px  
4px 4px #732E22; box-shadow:4px 4px 4px  
4px #732E22 }
```

Background

The CSS property to change the background color of an element to Hex 732E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732E22 }
```

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

```
.background{ background-color:#732E22 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor