

# Converting Colors

Hex(722A2E)

Have a look what the booklet for  
Hex(722A2E) contains.

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# Color

Hex(722A2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	722A2E
RGB	114, 42, 46
RGB Percent	45%, 16%, 18%
CMY	0.5529, 0.8353, 0.8196
CMYK	0.00, 0.63, 0.60, 0.55
HSL	357°, 46%, 31%
HSV	357°, 63%, 45%
XYZ	8.2605, 5.4306, 3.1976
YIQ	63.9840, 41.6280, 16.5080

# Conversions

## Conversions Part 2

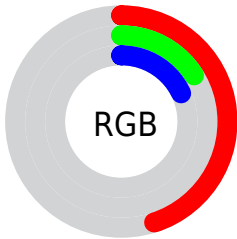
Format	Color
<a href="#">RYB</a>	<a href="#">114, 42, 46</a>
Decimal	<a href="#">7481902</a>
CIELab	<a href="#">27.93, 32.13, 14.03</a>
CIElCh	<a href="#">28, 35.062, 23.593</a>
Yxy	<a href="#">5.4306, 0.4891, 0.3216</a>
Android (android.graphics.Color)	<a href="#">4285671982</a> ( <a href="#">0xFF722A2E</a> )
YUV	<a href="#">63.9840, -8.8661, 43.8640</a>
Hunter-Lab	<a href="#">23.3036, 22.4923, 8.1771</a>

# Details

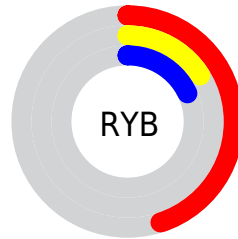
The Hex color **722A2E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A726E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AA5B5C**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **721F23**, and if you desaturate by 10%, it is **723539**.

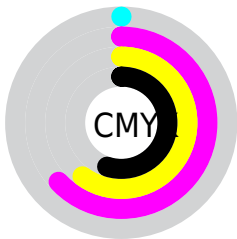
# Distribution



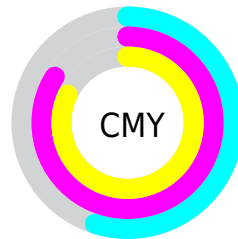
- Red (45%)
- Green (16%)
- Blue (18%)



- Red (45%)
- Yellow (16%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (60%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 722A2E 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 722A2E by changing the saturation by 10% instead.



 722A2E

 722A2E

FFFFFF

 571119

 AA5B5C

 3E0000

 C67474

 250001

 E48F8E

 000000

 FFA9A8

 FFC5C3

 FFE1DF

 FFFEFC

 722A2E

 722A2E

■ 721F23

■ 723539

■ 721318

■ 724144

■ 72080E

■ 724C4E

■ 720006

■ 725859

■ 726364

■ 726E6F

■ 727A79

■ 728584

■ 72918F

# Harmonies

## Analogous

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



6F2949



722A2E



683416

# Triad

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



722A2E



174C20



004778

# Complementary

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



722A2E



2A726E

# 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.



004C6D



722A2E



004E3B

# Square

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



722A2E



3B470A



004F57



373D74

# Rectangle

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



722A2E



5C3B0A



004F57



004976



# Sweetspot

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



722A2E



947879



6D2A72



4A393A



C9C9C9



4A4A4A



# Same Dimension

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



722A2E



94232A



72492A



383233



780007



F7000E



# Inverse Universe

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



722A2E



94232A



2A5372



383233



780007

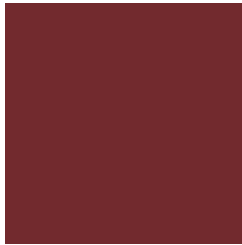


F7000E



# Previews

## White Background



This preview shows how the Hex color 722A2E looks on a white background.

## Color Contrast Check

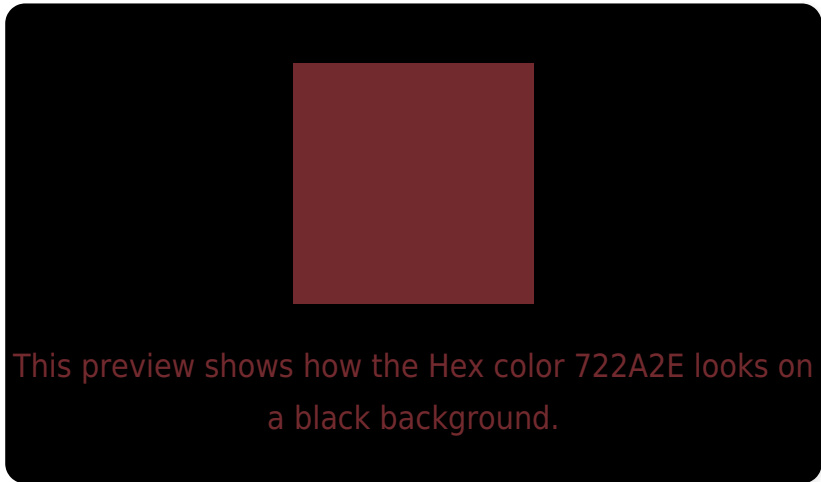
Large Text (above 18pt) WCAG AA ✓ Pass

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

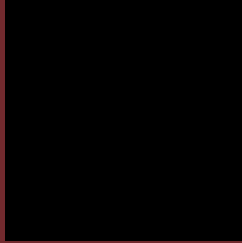
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 722A2E Background



This preview shows how black text looks on a background with the Hex color 722A2E.



This preview shows how white text looks on a background with the Hex color 722A2E.

# 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**  
722A2E

**Protanopia**  
464339

**Deuteranopia**  
51402A



# Trichromacy



**Original Color**  
722A2E

**Protanomaly**  
563A35

**Deuteranomaly**  
5D382B

**Tritanomaly**  
722A2D

# Monochromacy



**Original Color**  
722A2E

**Achromatopsia**  
404040

**Achromatomaly**  
523839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 722A2E 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 #722A2E looks like.

```
.text, #text, p{  
    color:#722A2E  
}
```

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 #722A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722A2E
}
```

## Border

The CSS property to change the border of an element to Hex 722A2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

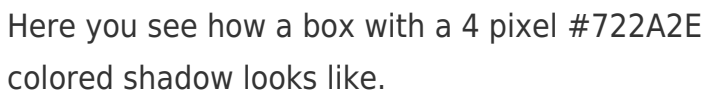
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#722A2E }
```

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

```
.border{ border-color:#722A2E }
```

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



Here you see how a box with a 4 pixel `#722A2E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722A2E; -webkit-box-shadow:4px 4px  
4px 4px #722A2E; box-shadow:4px 4px 4px  
4px #722A2E }
```

# Background

The CSS property to change the background color of an element to Hex 722A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722A2E }
```

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

```
.background{ background-color:#722A2E }
```

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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