

# Converting Colors

Hex(722717)

Have a look what the booklet for  
Hex(722717) contains.

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# Color

**Hex(722717)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	722717
RGB	114, 39, 23
RGB Percent	45%, 15%, 9%
CMY	0.5529, 0.8471, 0.9098
CMYK	0.00, 0.66, 0.80, 0.55
HSL	11°, 66%, 27%
HSV	11°, 80%, 45%
XYZ	7.8196, 5.0903, 1.3810
YIQ	59.6010, 49.8360, 10.9240

# Conversions

## Conversions Part 2

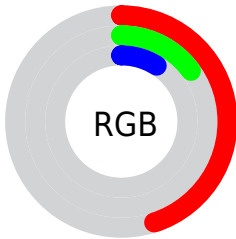
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 42, 23
Decimal	7481111
CIE <sub>Lab</sub>	26.99, 32.16, 27.48
CIE <sub>LCh</sub>	27, 42.301, 40.514
Yxy	5.0903, 0.5472, 0.3562
Android (android.graphics.Color)	4285671191 (0xFF722717)
YUV	59.6010, -18.0443, 47.7079
Hunter-Lab	22.5617, 22.3829, 12.1641

# Details

The Hex color **722717** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **176272**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AB5843**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **721E0C**, and if you desaturate by 10%, it is **723022**.

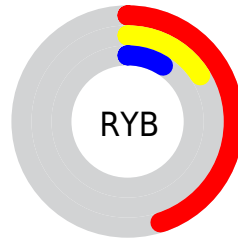
# Distribution



Red (45%)

Green (15%)

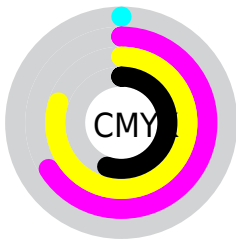
Blue (9%)



Red (45%)

Yellow (16%)

Blue (9%)

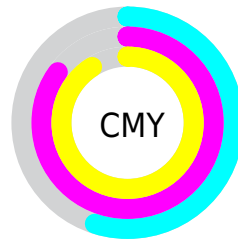


Cyan (0%)

Magenta (66%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (85%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 722717 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 722717 by changing the saturation by 10% instead.



 722717

 722717

 FFFFFB

 570D00

 AB5843

 3B0000

 C8715B

 210001

 E68B73

 000000

 FFA68D

 FFC2A8

 FFDEC3

 FFFBDF

 722717

 722717

■ 721E0C

■ 723022

■ 721400

■ 723A2E

■ 724339

■ 724D45

■ 725650

■ 725F5B

■ 726967

■ 727272

■ 727C7E

# Harmonies

## Analogous

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



791B36



722717



5F3600

# Triad

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



722717



004D29



004080

# Complementary

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



722717



176272

# 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.



00497D



722717



004E4B

# Square

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



722717



1F4906



004D69



4F3171

# Rectangle

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



722717



4E3F00



004D69



004481



# Sweetspot

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



722717



947770



721763



4A3835



C9C9C9



4A4A4A



# Same Dimension

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



722717



941F06



725417



383332



781500



F72B00



# Inverse Universe

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



176272



067B94



173572



323738



006378



00CCF7



# Previews

## White Background



This preview shows how the Hex color 722717 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 722717 Background



This preview shows how black text looks on a background with the Hex color 722717.

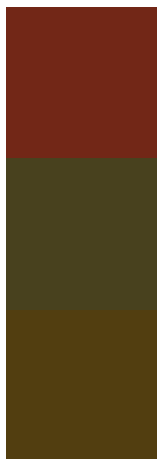


This preview shows how white text looks on a background with the Hex color 722717.

# 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**  
722717

**Protanopia**  
48411E

**Deuteranopia**  
523E10



# Trichromacy



**Original Color**  
722717

**Protanomaly**  
57381B

**Deuteranomaly**  
5E3613

**Tritanomaly**  
732621

# Monochromacy



**Original Color**  
722717

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
50342F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 722717 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 #722717 looks like.

```
.text, #text, p{  
    color:#722717  
}
```

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 #722717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722717
}
```

## Border

The CSS property to change the border of an element to Hex 722717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

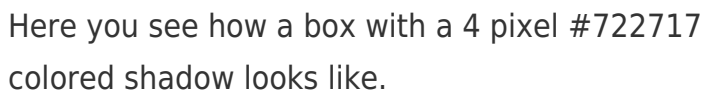
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#722717 }
```

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

```
.border{ border-color:#722717 }
```

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



Here you see how a box with a 4 pixel #722717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722717; -webkit-box-shadow:4px 4px  
4px 4px #722717; box-shadow:4px 4px 4px  
4px #722717 }
```

# Background

The CSS property to change the background color of an element to Hex 722717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722717 }
```

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

```
.background{ background-color:#722717 }
```

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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