

# Converting Colors

Hex(722C13)

Have a look what the booklet for  
Hex(722C13) contains.

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# Color

**Hex(722C13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	722C13
RGB	114, 44, 19
RGB Percent	45%, 17%, 7%
CMY	0.5529, 0.8275, 0.9255
CMYK	0.00, 0.61, 0.83, 0.55
HSL	16°, 71%, 26%
HSV	16°, 83%, 45%
XYZ	7.9577, 5.4258, 1.2440
YIQ	62.0800, 49.7450, 7.0650

# Conversions

## Conversions Part 2

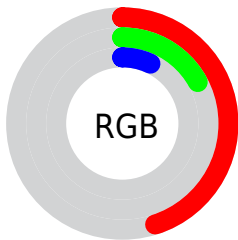
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 53, 19
Decimal	7482387
CIE <sub>Lab</sub>	27.91, 29.45, 30.67
CIE <sub>LCh</sub>	28, 42.518, 46.166
Yxy	5.4258, 0.5440, 0.3709
Android (android.graphics.Color)	4285672467 (0xFF722C13)
YUV	62.0800, -21.2384, 45.5338
Hunter-Lab	23.2933, 20.2173, 13.1390

# Details

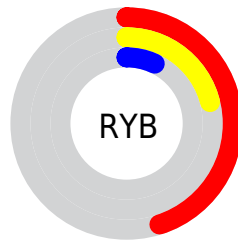
The Hex color **722C13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **135972**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AB5C3F**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **722408**, and if you desaturate by 10%, it is **72341E**.

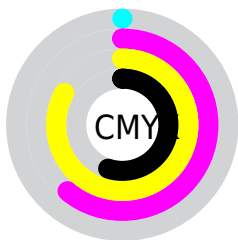
# Distribution



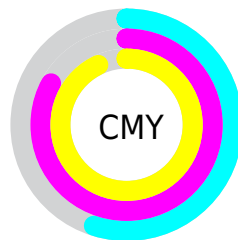
- Red (45%)
- Green (17%)
- Blue (7%)



- Red (45%)
- Yellow (21%)
- Blue (7%)



- Cyan (0%)
- Magenta (61%)
- Yellow (83%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 722C13 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 722C13 by changing the saturation by 10% instead.



 722C13

 722C13

 FFFFF8

 571400

 AB5C3F

 3B0000

 C87657

 220001

 E69070

 000000

 FFAB89

 FFC6A4

 FFE2BF

 FFFFDB

 722C13

 722C13

■ 722408

■ 72341E

■ 721E00

■ 723D2A

■ 724535

■ 724E41

■ 72564C

■ 725E57

■ 726763

■ 726F6E

■ 72787A

# Harmonies

## Analogous

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



7B1F32



722C13



5D3B00

# Triad

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



722C13



005031



194081

# Complementary

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



722C13



135972

# 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.



004A82



722C13



005153

# Square

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



722C13



164C0F



004F71



593070

# Rectangle

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



722C13



4B4300



004F71



004483



# Sweetspot

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



722C13



94796F



72135A



4A3A34



C9C9C9



4A4A4A



# Same Dimension

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



722C13



942700



725A13



383432



782000



F74100



# Inverse Universe

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



135972



006D94



132B72



323738



005878



00B6F7



# Previews

## White Background



This preview shows how the Hex color 722C13 looks on a white background.

## Color Contrast Check

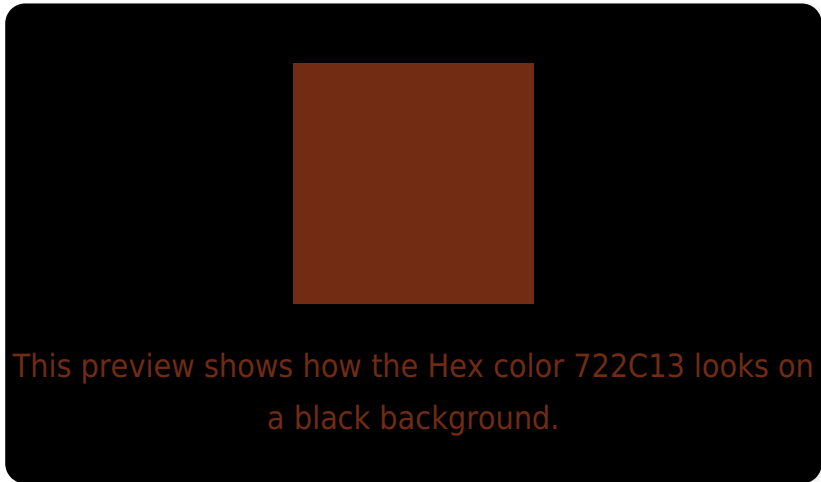
Large Text (above 18pt) WCAG AA ✓ Pass

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 722C13 Background



This preview shows how black text looks on a background with the Hex color 722C13.



This preview shows how white text looks on a background with the Hex color 722C13.

# 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**  
722C13

**Protanopia**  
4B4319

**Deuteranopia**  
55400B



**Tritanopia**  
73292C

# Trichromacy



**Original Color**  
722C13

**Protanomaly**  
593B17

**Deuteranomaly**  
60390E

**Tritanomaly**  
732A23

# Monochromacy



**Original Color**  
722C13

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
51372E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 722C13 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 #722C13 looks like.

```
.text, #text, p{  
    color:#722C13  
}
```

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 #722C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722C13 }  
}
```

## Border

The CSS property to change the border of an element to Hex 722C13 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 #722C13 }  
}
```

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

```
.border{ border-color:#722C13 }
```

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

Here you see how a box with a 4 pixel #722C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722C13; -webkit-box-shadow:4px 4px  
4px 4px #722C13; box-shadow:4px 4px 4px  
4px #722C13 }
```

# Background

The CSS property to change the background color of an element to Hex 722C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722C13 }
```

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

```
.background{ background-color:#722C13 }
```

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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