

# Converting Colors

Hex(722C48)

Have a look what the booklet for  
Hex(722C48) contains.

<b>Hex(722C48)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(722C48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	722C48
RGB	114, 44, 72
RGB Percent	45%, 17%, 28%
CMY	0.5529, 0.8275, 0.7176
CMYK	0.00, 0.61, 0.37, 0.55
HSL	336°, 44%, 31%
HSV	336°, 61%, 45%
XYZ	9.0098, 5.8467, 6.7845
YIQ	68.1220, 32.7320, 23.5480

# Conversions

## Conversions Part 2

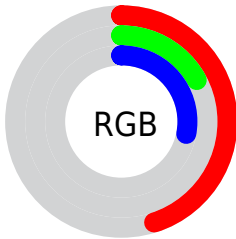
Format	Color
<a href="#">RYB</a>	<a href="#">114, 44, 72</a>
Decimal	<a href="#">7482440</a>
CIELab	<a href="#">29.02, 33.92, -1.67</a>
CIELCh	<a href="#">29, 33.959, 357.189</a>
Yxy	<a href="#">5.8467, 0.4163, 0.2702</a>
Android (android.graphics.Color)	<a href="#">4285672520</a> ( <a href="#">0xFF722C48</a> )
YUV	<a href="#">68.1220, 1.9119, 40.2350</a>
Hunter-Lab	<a href="#">24.1798, 24.1973, 0.2899</a>

# Details

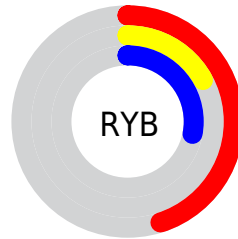
The Hex color **722C48** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2C7256**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A85D78**, and **3E001D** is the 20% darker color. If you saturate the color by 10%, you get **722141**, and if you desaturate by 10%, it is **72374F**.

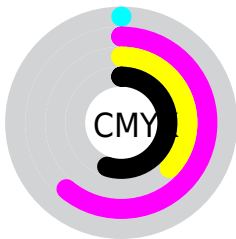
# Distribution



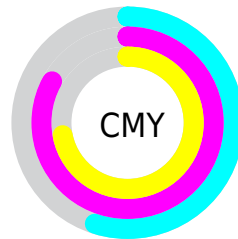
- Red (45%)
- Green (17%)
- Blue (28%)



- Red (45%)
- Yellow (17%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 722C48 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 722C48 by changing the saturation by 10% instead.



722C48

722C48

FFFFFF

581332

A85D78

3E001D

C57792

2A0001

E191AD

000000

FFACC8

FFC8E4

FFE4FF

722C48

722C48

722141

72374F

 72153A

 724356

 720A33

 724E5D

 72002E

 725A63

 72656A

 727071

 727C78

 72877F

 729386

# Harmonies

## Analogous

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



623361



722C48



732F2E

# Triad

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



722C48



3B4A11



004E70

# Complementary

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



722C48



2C7256

# 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.



00515C



722C48



164F27

# Square

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



722C48



54420B



005141



004879

# Rectangle

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



722C48



6D351F



005141



004F6A



# Sweetspot

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



722C48



947984



562C72



4A3A40



C9C9C9



4A4A4A



# Same Dimension

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



722C48



942652



72332C



383235



780030



F70063



# Inverse Universe

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



722C48



942652



2C6B72



383235



780030

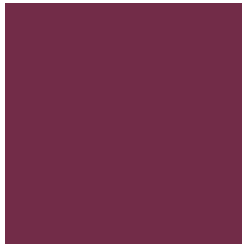


F70063



# Previews

## White Background



This preview shows how the Hex color 722C48 looks on a white background.

## Color Contrast Check

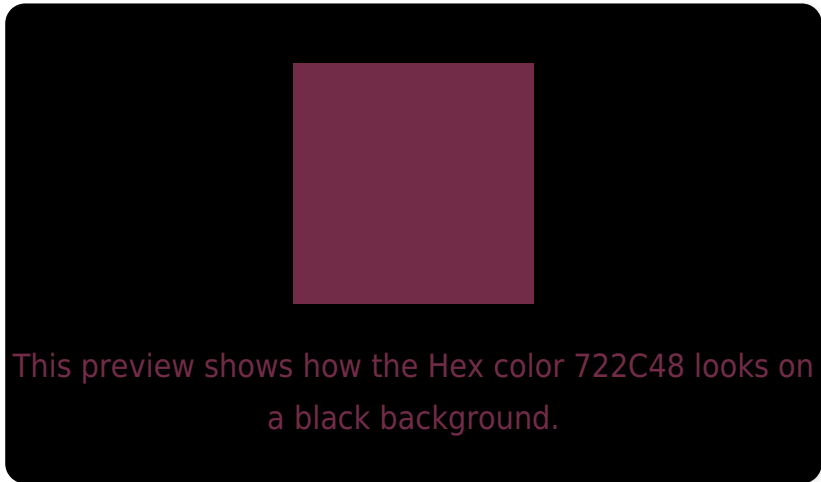
Large Text (above 18pt) WCAG AA ✓ Pass

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

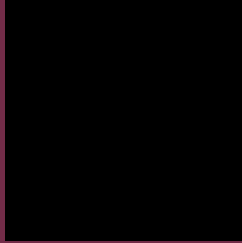
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 722C48 Background



This preview shows how black text looks on a background with the Hex color 722C48.



This preview shows how white text looks on a background with the Hex color 722C48.

# 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**  
722C48

**Protanopia**  
414558

**Deuteranopia**  
4C4345



**Tritanopia**  
703034

# Trichromacy



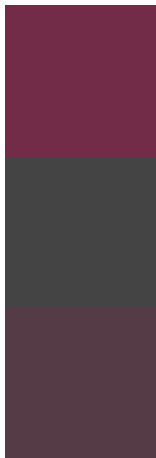
**Original Color**  
722C48

**Protanomaly**  
533C52

**Deuteranomaly**  
5A3B46

**Tritanomaly**  
712F3B

# Monochromacy



**Original Color**  
722C48

**Achromatopsia**  
444444

**Achromatomaly**  
553B45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 722C48 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 #722C48 looks like.

```
.text, #text, p{  
    color:#722C48  
}
```

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 #722C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722C48
}
```

## Border

The CSS property to change the border of an element to Hex 722C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

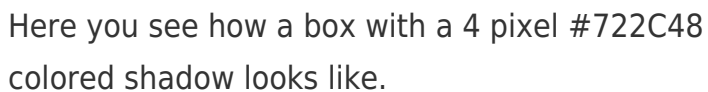
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#722C48 }
```

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

```
.border{ border-color:#722C48 }
```

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



Here you see how a box with a 4 pixel #722C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722C48; -webkit-box-shadow:4px 4px  
4px 4px #722C48; box-shadow:4px 4px 4px  
4px #722C48 }
```

# Background

The CSS property to change the background color of an element to Hex 722C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722C48 }
```

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

```
.background{ background-color:#722C48 }
```

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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