

Converting Colors

Hex(712C2F)

Have a look what the booklet for
Hex(712C2F) contains.

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Color

Hex(712C2F)

Conversions

Conversions Part 1

Format	Color
Hex	712C2F
RGB	113, 44, 47
RGB Percent	44%, 17%, 18%
CMY	0.5569, 0.8275, 0.8157
CMYK	0.00, 0.61, 0.58, 0.56
HSL	357°, 44%, 31%
HSV	357°, 61%, 44%
XYZ	8.2238, 5.5173, 3.3208
YIQ	64.9730, 40.1610, 15.5610

Conversions

Conversions Part 2

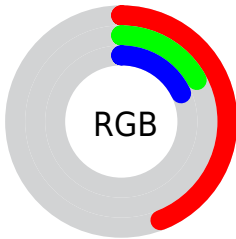
Format	Color
RYB	113, 44, 47
Decimal	7416879
CIELab	28.16, 30.80, 13.65
CIELCh	28, 33.690, 23.904
Yxy	5.5173, 0.4820, 0.3234
Android (android.graphics.Color)	4285606959 (0xFF712C2F)
YUV	64.9730, -8.8607, 42.1197
Hunter-Lab	23.4890, 21.3898, 8.0600

Details

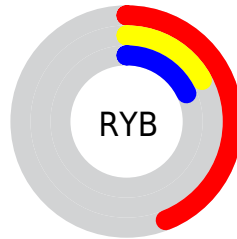
The Hex color **712C2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C716E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A85D5D**, and **3D0000** is the 20% darker color. If you saturate the color by 10%, you get **712124**, and if you desaturate by 10%, it is **71373A**.

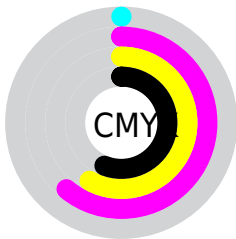
Distribution



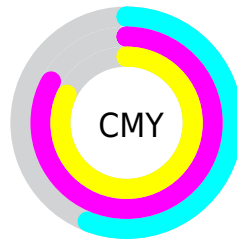
- Red (44%)
- Green (17%)
- Blue (18%)



- Red (44%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (56%)





- Cyan (56%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712C2F 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 712C2F by changing the saturation by 10% instead.

 712C2F

 712C2F

FFFFFF

 56141A

 A85D5D

 3D0000

 C57675

 250001

 E2908F


 000000


 FFABA9

 FFC7C5

 FFE3E1

FFFFFFD

 712C2F

 712C2F

■ 712124

■ 71373A

■ 711519

■ 714345

■ 710A0F

■ 714E4F

■ 710005

■ 71595A

■ 716565

■ 717070

■ 717B7B

■ 718685

■ 719290

Harmonies

Analogous

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



6E2B49



712C2F



673519

Triad

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



712C2F



1A4C22



004776

Complementary

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



712C2F



2C716E

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.



004C6C



712C2F



004F3C

Square

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



712C2F



3C470E



004F57



393E72

Rectangle

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



712C2F



5B3C0D



004F57



004974

Sweetspot

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



712C2F



94797A



6E2C71



4A3A3A



C9C9C9



4A4A4A

Same Dimension

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



712C2F



94282D



714B2C



383233



780005



F7000B

Inverse Universe

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



712C2F



94282D



2C5271



383233



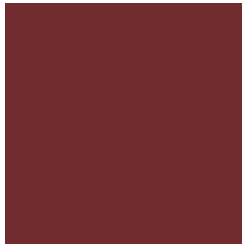
780005



F7000B

Previews

White Background



This preview shows how the Hex color 712C2F looks on a white background.

Color Contrast Check

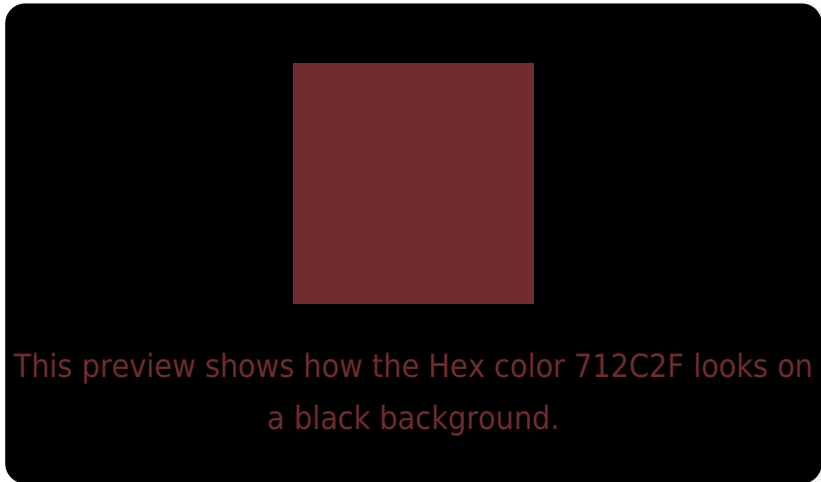
Large Text (above 18pt) WCAG AA ✓ Pass

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 712C2F Background



This preview shows how black text looks on a background with the Hex color 712C2F.

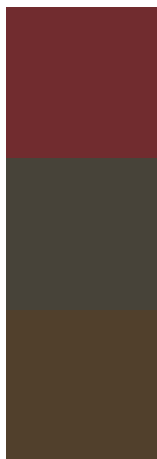


This preview shows how white text looks on a background with the Hex color 712C2F.

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
712C2F

Protanopia
474339

Deuteranopia
51402C



Tritanopia
712C2F

Trichromacy



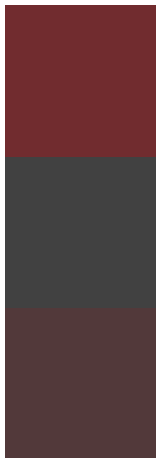
Original Color
712C2F

Protanomaly
563B35

Deuteranomaly
5D392D

Tritanomaly
712C2F

Monochromacy



Original Color
712C2F

Achromatopsia
414141

Achromatomaly
52393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 712C2F 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 #712C2F looks like.

```
.text, #text, p{  
    color:#712C2F  
}
```

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 #712C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712C2F
}
```

Border

The CSS property to change the border of an element to Hex 712C2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

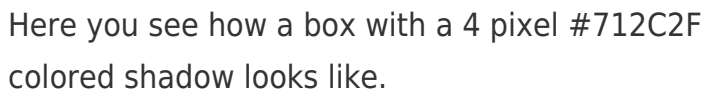
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712C2F }
```

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

```
.border{ border-color:#712C2F }
```

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



Here you see how a box with a 4 pixel #712C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712C2F; -webkit-box-shadow:4px 4px  
4px 4px #712C2F; box-shadow:4px 4px 4px  
4px #712C2F }
```

Background

The CSS property to change the background color of an element to Hex 712C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712C2F }
```

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

```
.background{ background-color:#712C2F }
```

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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