

Converting Colors

Hex(712C52)

Have a look what the booklet for
Hex(712C52) contains.

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Color

Hex(712C52)

Conversions

Conversions Part 1

Format	Color
Hex	712C52
RGB	113, 44, 82
RGB Percent	44%, 17%, 32%
CMY	0.5569, 0.8275, 0.6784
CMYK	0.00, 0.61, 0.27, 0.56
HSL	327°, 44%, 31%
HSV	327°, 61%, 44%
XYZ	9.2337, 5.9213, 8.6389
YIQ	68.9630, 28.9260, 26.4460

Conversions

Conversions Part 2

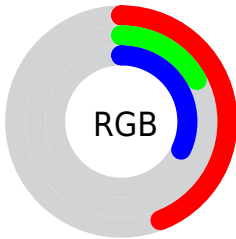
Format	Color
R_{YB}	113, 44, 82
Decimal	7416914
CIE _{Lab}	29.21, 34.97, -7.99
CIE _{LCh}	29, 35.870, 347.135
Yxy	5.9213, 0.3881, 0.2489
Android (android.graphics.Color)	4285606994 (0xFF712C52)
YUV	68.9630, 6.4272, 38.6204
Hunter-Lab	24.3337, 25.1502, -4.0155

Details

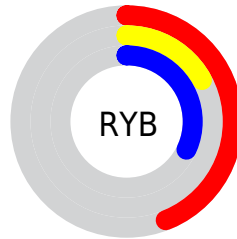
The Hex color **712C52** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C714B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A75D83**, and **3E0025** is the 20% darker color. If you saturate the color by 10%, you get **71214D**, and if you desaturate by 10%, it is **713757**.

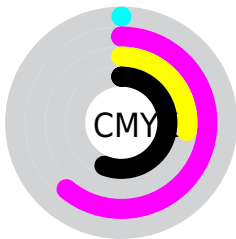
Distribution



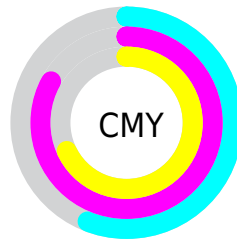
- Red (44%)
- Green (17%)
- Blue (32%)



- Red (44%)
- Yellow (17%)
- Blue (32%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (56%)





- Cyan (56%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712C52 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 712C52 by changing the saturation by 10% instead.

 712C52

 712C52

FFFFFF

 57133B

 A75D83

 3E0025

 C3779D

 2A0010


 E091B8

 000000


 FDADD4


 FFC8F0

 FFE5FF

 712C52

 712C52

 71214D

 713757

 711548

 71435C

 710A43


 714E61


 71003E

 715966

 71656B

 717070

 717B76

 71867B

 719280

Harmonies

Analogous

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



5A366B



712C52



772B36

Triad

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



712C52



444808



00506D

Complementary

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



712C52



2C714B

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.



005254



712C52



234E1D

Square

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



712C52



5D3F09



005138



004B7B

Rectangle

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



712C52



733025



005138



005166

Sweetspot

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



712C52



947988



4A2C71



4A3A43



C9C9C9



4A4A4A

Same Dimension

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



712C52



942863



712C31



383236



780042



F70088

Inverse Universe

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



712C52



942863



2C716C



383236



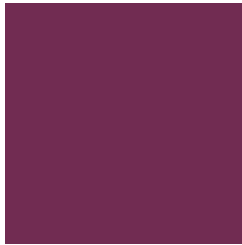
780042



F70088

Previews

White Background



This preview shows how the Hex color 712C52 looks on a white background.

Color Contrast Check

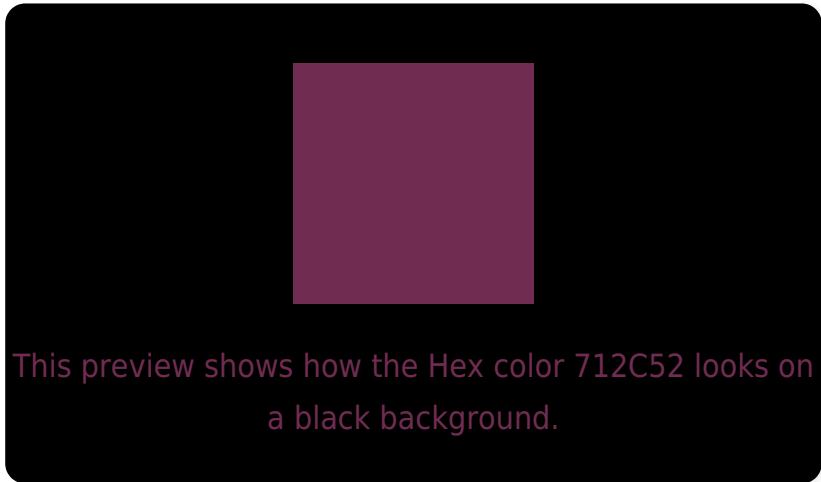
Large Text (above 18pt) WCAG AA ✓ Pass

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

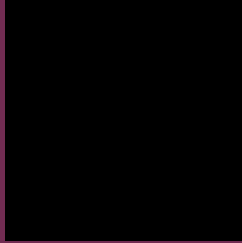
Any Text WCAG AA × Fail

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 712C52 Background



This preview shows how black text looks on a background with the Hex color 712C52.



This preview shows how white text looks on a background with the Hex color 712C52.

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
712C52

Protanopia
3C4563

Deuteranopia
48444E



Tritanopia
6F3336

Trichromacy



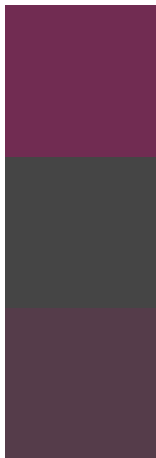
Original Color
712C52

Protanomaly
4F3C5D

Deuteranomaly
573B4F

Tritanomaly
703040

Monochromacy



Original Color
712C52

Achromatopsia
454545

Achromatomaly
553C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 712C52 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 #712C52 looks like.

```
.text, #text, p{  
    color:#712C52  
}
```

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 #712C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712C52
}
```

Border

The CSS property to change the border of an element to Hex 712C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

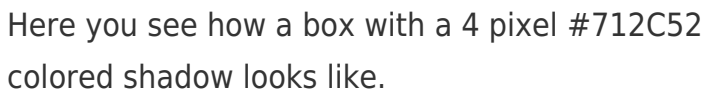
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712C52 }
```

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

```
.border{ border-color:#712C52 }
```

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



Here you see how a box with a 4 pixel #712C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712C52; -webkit-box-shadow:4px 4px  
4px 4px #712C52; box-shadow:4px 4px 4px  
4px #712C52 }
```

Background

The CSS property to change the background color of an element to Hex 712C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712C52 }
```

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

```
.background{ background-color:#712C52 }
```

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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