

Converting Colors

Hex(712A45)

Have a look what the booklet for
Hex(712A45) contains.

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Color

Hex(712A45)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 712A45 |
| RGB | 113, 42, 69 |
| RGB Percent | 44%, 16%, 27% |
| CMY | 0.5569, 0.8353, 0.7294 |
| CMYK | 0.00, 0.63, 0.39, 0.56 |
| HSL | 337°, 46%, 30% |
| HSV | 337°, 63%, 44% |
| XYZ | 8.7122, 5.5963, 6.2512 |
| YIQ | 66.3070, 33.6490, 23.4490 |

Conversions

Conversions Part 2

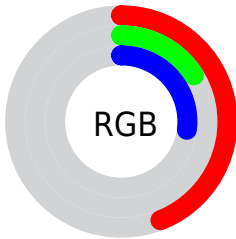
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 113, 42, 69 |
| Decimal | 7416389 |
| CIE Lab | 28.37, 34.19, -0.65 |
| CIE LCh | 28, 34.196, 358.903 |
| Yxy | 5.5963, 0.4238, 0.2722 |
| Android (android.graphics.Color) | 4285606469 (0xFF712A45) |
| YUV | 66.3070, 1.3276, 40.9498 |
| Hunter-Lab | 23.6565, 24.3388, 0.8922 |

Details

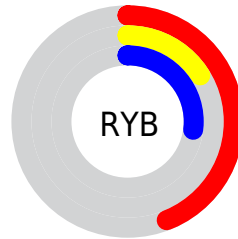
The Hex color **712A45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A7156**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A75B75**, and **3D001A** is the 20% darker color. If you saturate the color by 10%, you get **711F3E**, and if you desaturate by 10%, it is **71354C**.

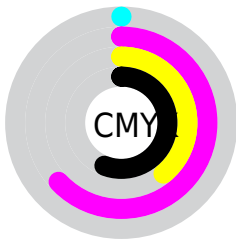
Distribution



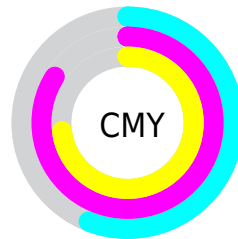
- Red (44%)
- Green (16%)
- Blue (27%)



- Red (44%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (63%)
- Yellow (39%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712A45 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 712A45 by changing the saturation by 10% instead.

712A45

712A45

FFFFFF

57102F

A75B75

3D001A

C4758F

280001

E08FA9

000000

FEAAC4

FFC6E0

FFE2FD

712A45

712A45

711F3E

71354C

711337

714153

710830

714C5A

71002B

715761

716268

716E6F

717976

71847D

719084

Harmonies

Analogous

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



62315F



712A45



712D2B

Triad

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



712A45



374910



004C70

Complementary

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



712A45



2A7156

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.



004F5C



712A45



0F4D26

Square

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



712A45



514108



004F41



004678

Rectangle

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



712A45



6B341C



004F41



004E6A

Sweetspot

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



712A45



947882



562A71



4A393F



C9C9C9



4A4A4A

Same Dimension

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



712A45



94254F



71322A



383235



78002E



F7005E

Inverse Universe

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



712A45



94254F



2A6971



383235



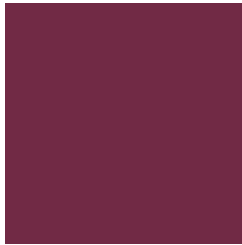
78002E



F7005E

Previews

White Background



This preview shows how the Hex color 712A45 looks on a white background.

Color Contrast Check

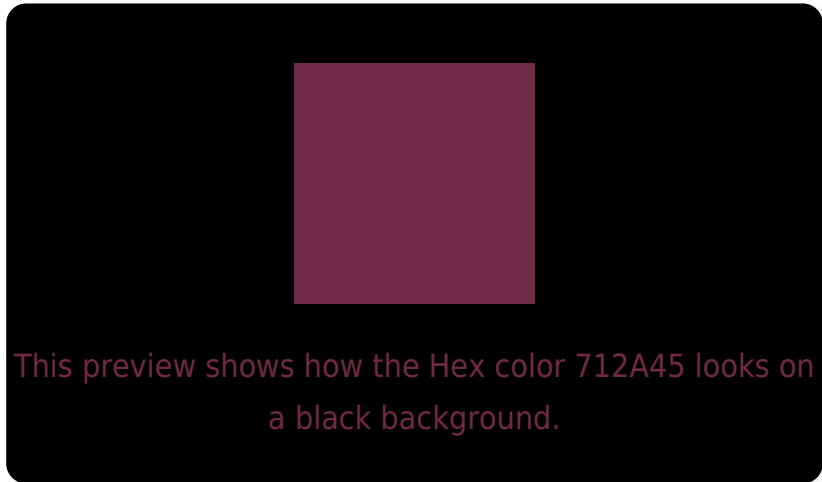
Large Text (above 18pt) WCAG AA ✓ Pass

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

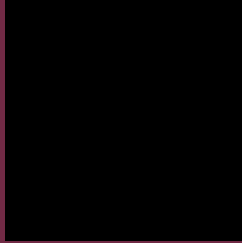
Any Text WCAG AA × Fail

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 712A45 Background



This preview shows how black text looks on a background with the Hex color 712A45.



This preview shows how white text looks on a background with the Hex color 712A45.

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
712A45

Protanopia
404355

Deuteranopia
4B4242



Tritanopia
702E31

Trichromacy



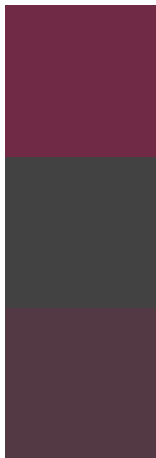
Original Color
712A45

Protanomaly
523A4F

Deuteranomaly
593943

Tritanomaly
702D38

Monochromacy



Original Color
712A45

Achromatopsia
424242

Achromatomaly
533943

CSS Examples

Text

The CSS property to change the color of the text to Hex 712A45 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 #712A45 looks like.

```
.text, #text, p{  
    color:#712A45  
}
```

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 #712A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712A45
}
```

Border

The CSS property to change the border of an element to Hex 712A45 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
#712A45 }
```

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

```
.border{ border-color:#712A45 }
```

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

Here you see how a box with a 4 pixel #712A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712A45; -webkit-box-shadow:4px 4px  
4px 4px #712A45; box-shadow:4px 4px 4px  
4px #712A45 }
```

Background

The CSS property to change the background color of an element to Hex 712A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712A45 }
```

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

```
.background{ background-color:#712A45 }
```

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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