

Converting Colors

Hex(712E56)

Have a look what the booklet for
Hex(712E56) contains.

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Color

Hex(712E56)

Conversions

Conversions Part 1

Format	Color
Hex	712E56
RGB	113, 46, 86
RGB Percent	44%, 18%, 34%
CMY	0.5569, 0.8196, 0.6627
CMYK	0.00, 0.59, 0.24, 0.56
HSL	324°, 42%, 31%
HSV	324°, 59%, 44%
XYZ	9.4668, 6.1366, 9.4896
YIQ	70.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

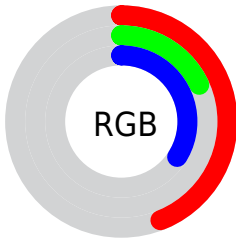
Format	Color
R_{YB}	113, 46, 86
Decimal	7417430
CIE _{Lab}	29.75, 34.55, -9.79
CIE _{LCh}	30, 35.912, 344.186
Yxy	6.1366, 0.3773, 0.2446
Android (android.graphics.Color)	4285607510 (0xFF712E56)
YUV	70.5930, 7.5957, 37.1909
Hunter-Lab	24.7721, 24.8632, -5.3721

Details

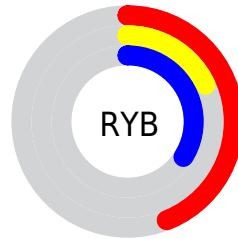
The Hex color **712E56** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E7149**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A75F88**, and **3E0029** is the 20% darker color. If you saturate the color by 10%, you get **712351**, and if you desaturate by 10%, it is **71395B**.

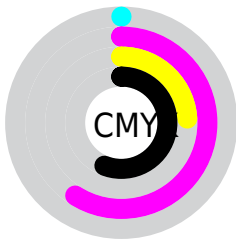
Distribution



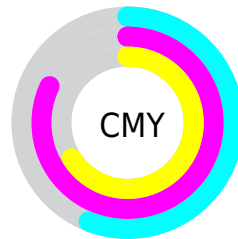
- Red (44%)
- Green (18%)
- Blue (34%)



- Red (44%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (56%)



- Cyan (56%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712E56 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 712E56 by changing the saturation by 10% instead.

712E56

712E56

FFFFFF

57153F

A75F88

3E0029

C379A2

2A0015

DF93BD

000000

FCAFD9

FFCAF5

FFE7FF

712E56

712E56

712351

71395B

71174D

71455F

710C48

715064

710144

715B68

710043

71676D

717271

717D76

71887A

71947F

Harmonies

Analogous

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



58396E



712E56



792C3A

Triad

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



712E56



484909



00526C

Complementary

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



712E56



2E7149

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.



005353



712E56



284F1B

Square

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



712E56



613F0C



005236



004D7C

Rectangle

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



712E56



763128



005236



005365

Sweetspot

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



712E56



947989



492E71



4A3A43



C9C9C9



4A4A4A

Same Dimension

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



712E56



942B6A



712E35



383236



780048



F70094

Inverse Universe

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



712E56



942B6A



2E716A



383236



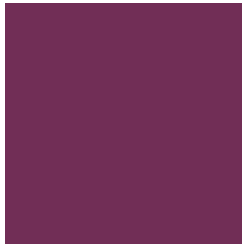
780048



F70094

Previews

White Background



This preview shows how the Hex color 712E56 looks on a white background.

Color Contrast Check

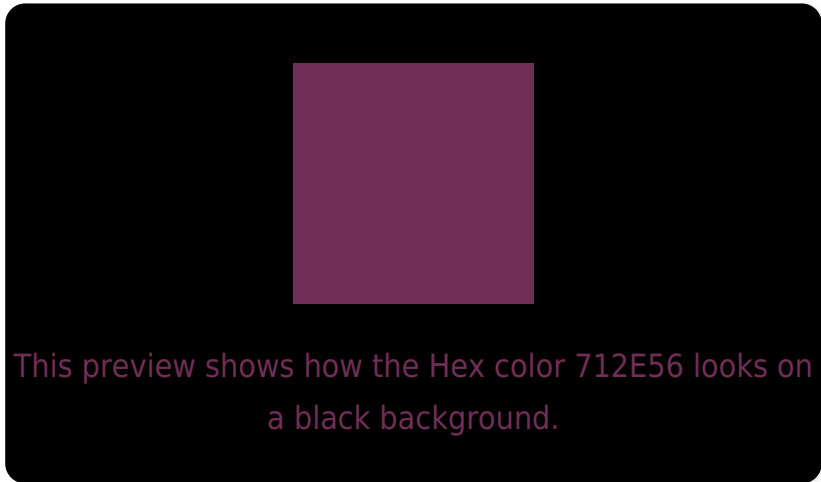
Large Text (above 18pt) WCAG AA ✓ Pass

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

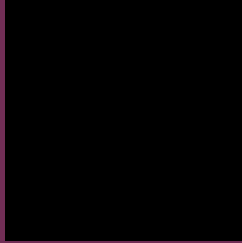
Any Text WCAG AA × Fail

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 712E56 Background



This preview shows how black text looks on a background with the Hex color 712E56.

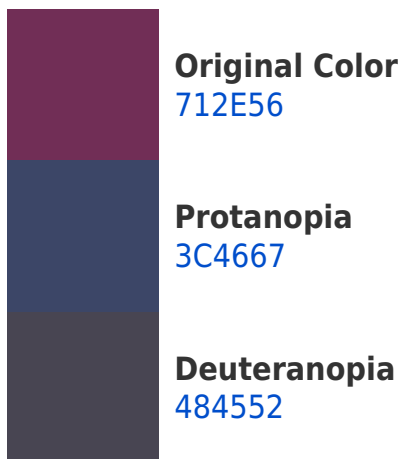


This preview shows how white text looks on a background with the Hex color 712E56.

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





Tritanopia
6E3539

Trichromacy



Original Color

712E56

Protanomaly

4F3D61

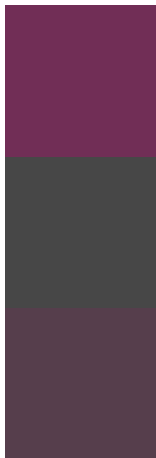
Deuteranomaly

573D53

Tritanomaly

6F3244

Monochromacy



Original Color

712E56

Achromatopsia

474747

Achromatomaly

563E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 712E56 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 #712E56 looks like.

```
.text, #text, p{  
    color:#712E56  
}
```

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 #712E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712E56
}
```

Border

The CSS property to change the border of an element to Hex 712E56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

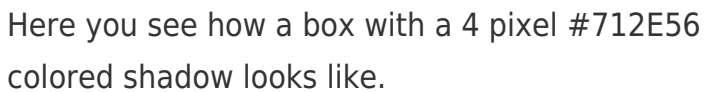
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712E56 }
```

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

```
.border{ border-color:#712E56 }
```

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



Here you see how a box with a 4 pixel #712E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712E56; -webkit-box-shadow:4px 4px  
4px 4px #712E56; box-shadow:4px 4px 4px  
4px #712E56 }
```

Background

The CSS property to change the background color of an element to Hex 712E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712E56 }
```

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

```
.background{ background-color:#712E56 }
```

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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