

Converting Colors

Hex(702E50)

Have a look what the booklet for
Hex(702E50) contains.

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Color

Hex(702E50)

Conversions

Conversions Part 1

Format	Color
Hex	702E50
RGB	112, 46, 80
RGB Percent	44%, 18%, 31%
CMY	0.5608, 0.8196, 0.6863
CMYK	0.00, 0.59, 0.29, 0.56
HSL	329°, 42%, 31%
HSV	329°, 59%, 44%
XYZ	9.1071, 5.9779, 8.2633
YIQ	69.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

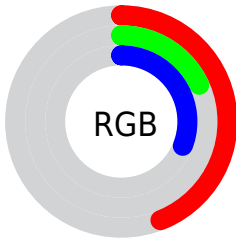
Format	Color
R_{YB}	112, 46, 80
Decimal	7351888
CIE _{Lab}	29.36, 33.29, -6.47
CIE _{LCh}	29, 33.918, 348.995
Yxy	5.9779, 0.3901, 0.2560
Android (android.graphics.Color)	4285541968 (0xFF702E50)
YUV	69.6100, 5.1223, 37.1760
Hunter-Lab	24.4498, 23.7005, -2.9233

Details

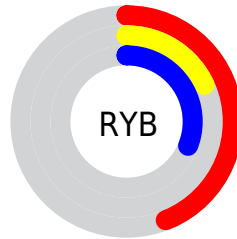
The Hex color **702E50** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E704E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A65F81**, and **3D0024** is the 20% darker color. If you saturate the color by 10%, you get **70234B**, and if you desaturate by 10%, it is **703955**.

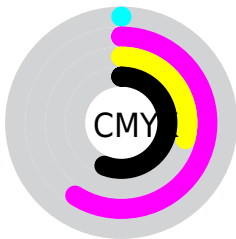
Distribution



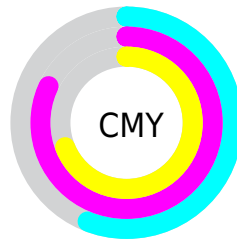
- Red (44%)
- Green (18%)
- Blue (31%)



- Red (44%)
- Yellow (18%)
- Blue (31%)



- Cyan (0%)
- Magenta (59%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702E50 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 702E50 by changing the saturation by 10% instead.

 702E50

 702E50

FFFFFF

 561539

 A65F81

 3D0024

 C2799B

 29000E

 DE93B6

 000000

 FBAED2

 FFCAEE

 FFE6FF

 702E50

 702E50

 70234B

 703955

 701845

 70445B

 700C40

 705060

 70013A

 705B66


 70003A

 70666B

 707171

 707C76

 70887B

 709381

Harmonies

Analogous

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



5B3768



702E50



752E36

Triad

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



702E50



43490F



00506C

Complementary

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



702E50



2E704E

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.



005255



702E50



234E21

Square

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



702E50



5B400E



00513A



004B79

Rectangle

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



702E50



713325



00513A



005166

Sweetspot

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



702E50



917785



4E2E70



4A3A42



C9C9C9



4A4A4A

Same Dimension

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



702E50



912A5F



702E2F



383235



78003E



F7007F

Inverse Universe

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



702E50



912A5F



2E706F



383235



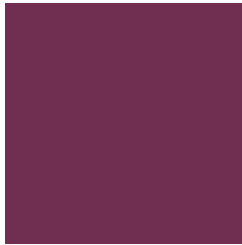
78003E



F7007F

Previews

White Background



This preview shows how the Hex color 702E50 looks on a white background.

Color Contrast Check

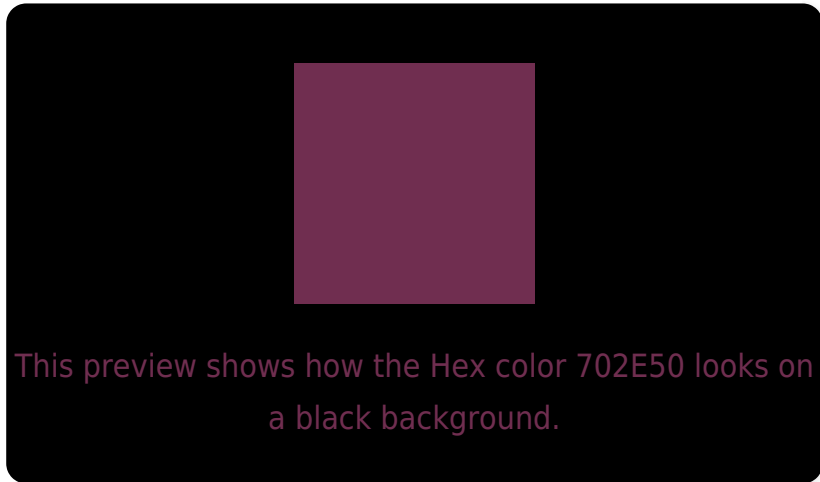
Large Text (above 18pt) WCAG AA ✓ Pass

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

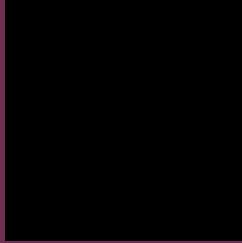
Any Text WCAG AA × Fail

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 702E50 Background



This preview shows how black text looks on a background with the Hex color 702E50.

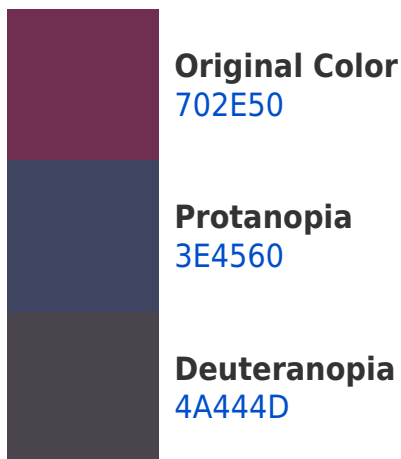


This preview shows how white text looks on a background with the Hex color 702E50.

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
6E3437

Trichromacy



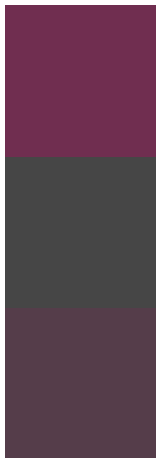
Original Color
702E50

Protanomaly
503D5A

Deuteranomaly
583C4E

Tritanomaly
6F3240

Monochromacy



Original Color
702E50

Achromatopsia
464646

Achromatomaly
553D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 702E50 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 #702E50 looks like.

```
.text, #text, p{  
    color:#702E50  
}
```

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 #702E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702E50  
}
```

Border

The CSS property to change the border of an element to Hex 702E50 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".

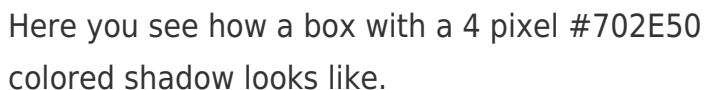
```
.border, #border, table{ border:4px solid  
#702E50 }
```

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

```
.border{ border-color:#702E50 }
```

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

Here you see how a box with a 4 pixel #702E50 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702E50; -webkit-box-shadow:4px 4px  
4px 4px #702E50; box-shadow:4px 4px 4px  
4px #702E50 }
```

Background

The CSS property to change the background color of an element to Hex 702E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702E50 }
```

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

```
.background{ background-color:#702E50 }
```

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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