

# Converting Colors

Hex(702C4D)

Have a look what the booklet for  
Hex(702C4D) contains.

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**Color**

**Hex(702C4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	702C4D
RGB	112, 44, 77
RGB Percent	44%, 17%, 30%
CMY	0.5608, 0.8275, 0.6980
CMYK	0.00, 0.61, 0.31, 0.56
HSL	331°, 44%, 31%
HSV	331°, 61%, 44%
XYZ	8.9223, 5.7819, 7.6669
YIQ	68.0940, 29.9350, 24.6790

# Conversions

## Conversions Part 2

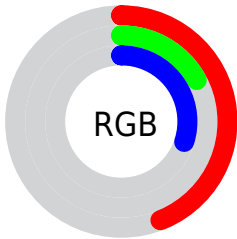
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 44, 77
Decimal	7351373
CIE Lab	28.86, 33.90, -5.25
CIE LCh	29, 34.301, 351.194
Yxy	5.7819, 0.3988, 0.2585
Android (android.graphics.Color)	4285541453 (0xFF702C4D)
YUV	68.0940, 4.3907, 38.5056
Hunter-Lab	24.0456, 24.1540, -2.0726

# Details

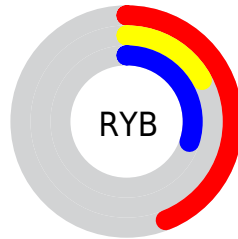
The Hex color **702C4D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2C704F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A65D7E**, and **3D0021** is the 20% darker color. If you saturate the color by 10%, you get **702147**, and if you desaturate by 10%, it is **703753**.

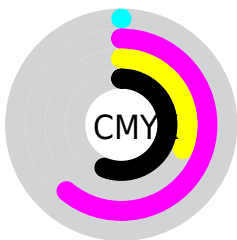
# Distribution



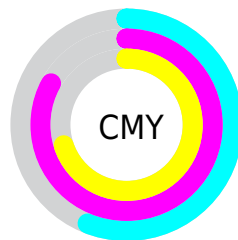
- Red (44%)
- Green (17%)
- Blue (30%)



- Red (44%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (31%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702C4D 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 702C4D by changing the saturation by 10% instead.



 702C4D

 702C4D

FFFFFF

 561336

 A65D7E

 3D0021

 C27798

 290009

 DF91B2

 000000

 FCACCE

 FFC8EA

 FFE4FF

 702C4D

 702C4D

 702147

 703753

 701641

 704259

 700A3C

 704E5E

 700036

 705964

 70646A

 706F70

 707A75

 70867B

 709181

# Harmonies

## Analogous

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



5D3566



702C4D



742D32

# Triad

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



702C4D



40480D



004F6D

# Complementary

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



702C4D



2C704F

# 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.



005156



702C4D



1E4E21

# Square

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



702C4D



58400B



00503B



004978

# Rectangle

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



702C4D



6F3222



00503B



005066



# Sweetspot

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



702C4D



917784



4E2C70



4A3A42



C9C9C9



4A4A4A



# Same Dimension

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



702C4D



91275B



702C2C



383235



78003A



F70078



# Inverse Universe

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



702C4D



91275B



2C7070



383235



78003A

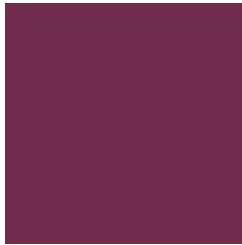


F70078



# Previews

## White Background



This preview shows how the Hex color 702C4D looks on a white background.

## Color Contrast Check

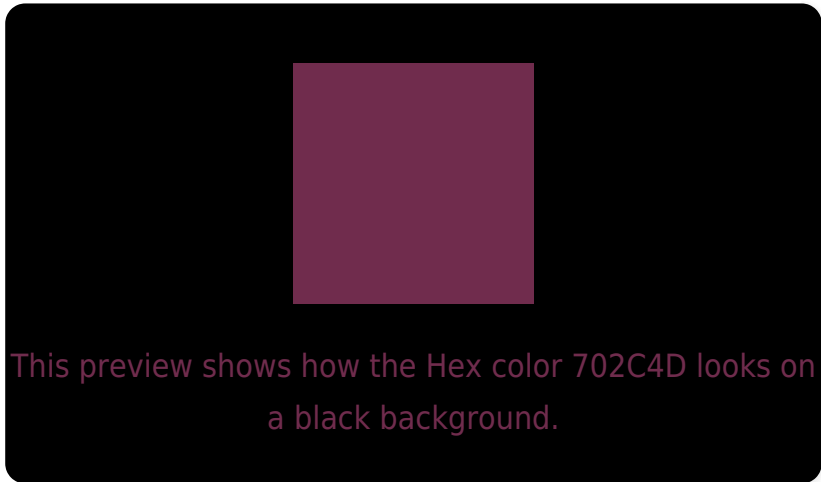
Large Text (above 18pt) WCAG AA ✓ Pass

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

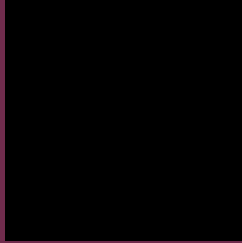
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 702C4D Background



This preview shows how black text looks on a background with the Hex color 702C4D.

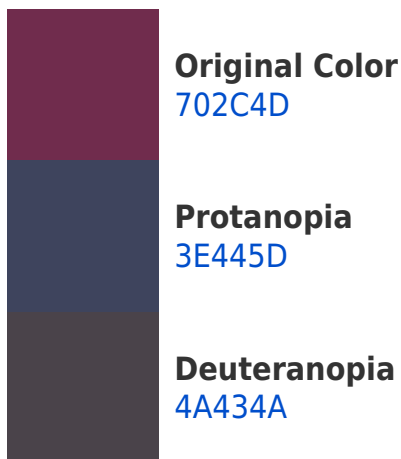


This preview shows how white text looks on a background with the Hex color 702C4D.

# 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**  
6E3135

# Trichromacy



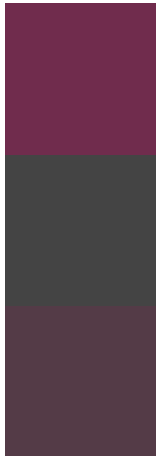
**Original Color**  
702C4D

**Protanomaly**  
503B57

**Deuteranomaly**  
583B4B

**Tritanomaly**  
6F2F3E

# Monochromacy



**Original Color**  
702C4D

**Achromatopsia**  
444444

**Achromatomaly**  
543B47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702C4D 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 #702C4D looks like.

```
.text, #text, p{  
    color:#702C4D  
}
```

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 #702C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702C4D
}
```

## Border

The CSS property to change the border of an element to Hex 702C4D 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".

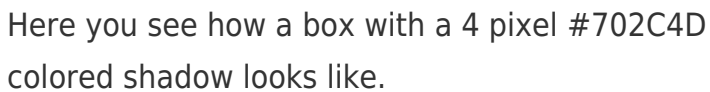
```
.border, #border, table{ border:4px solid
#702C4D }
```

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

```
.border{ border-color:#702C4D }
```

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

Here you see how a box with a 4 pixel #702C4D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702C4D; -webkit-box-shadow:4px 4px  
4px 4px #702C4D; box-shadow:4px 4px 4px  
4px #702C4D }
```

# Background

The CSS property to change the background color of an element to Hex 702C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702C4D }
```

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

```
.background{ background-color:#702C4D }
```

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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