

# Converting Colors

Hex(702C6D)

Have a look what the booklet for  
Hex(702C6D) contains.

<b>Hex(702C6D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(702C6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702C6D
RGB	112, 44, 109
RGB Percent	44%, 17%, 43%
CMY	0.5608, 0.8275, 0.5725
CMYK	0.00, 0.61, 0.03, 0.56
HSL	303°, 44%, 31%
HSV	303°, 61%, 44%
XYZ	10.3431, 6.3502, 15.1486
YIQ	71.7420, 19.6630, 34.6310

# Conversions

## Conversions Part 2

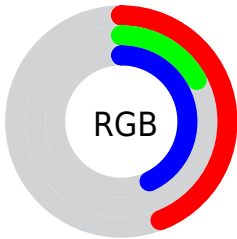
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 44, 109
Decimal	7351405
CIE <sub>Lab</sub>	30.28, 39.23, -23.84
CIE <sub>LCh</sub>	30, 45.908, 328.712
Yxy	6.3502, 0.3248, 0.1994
Android (android.graphics.Color)	4285541485 (0xFF702C6D)
YUV	71.7420, 18.3682, 35.3063
Hunter-Lab	25.1997, 29.1651, -18.0019

# Details

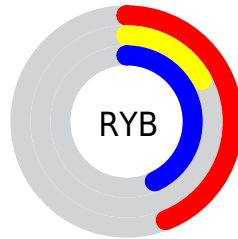
The Hex color **702C6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C702F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A65EA1**, and **3D003D** is the 20% darker color. If you saturate the color by 10%, you get **70216D**, and if you desaturate by 10%, it is **70376D**.

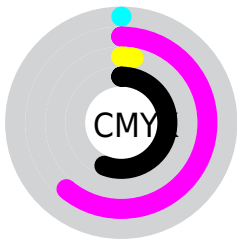
# Distribution



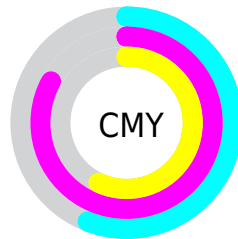
- Red (44%)
- Green (17%)
- Blue (43%)



- Red (44%)
- Yellow (17%)
- Blue (43%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702C6D 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 702C6D by changing the saturation by 10% instead.



 702C6D

 702C6D

FFFFFF

 561254

 A65EA1

 3D003D

 C278BC

 290027

 DE92D8

 000110

 FBAEF4

 000000

 FFC9FF

 FFE6FF

 702C6D

 702C6D

 70216D

 70376D

 70166C

 70426E

 700A6C

 704E6E

 70006B

 70596F

 70646F

 706F70

 707A70

 708671

 709171

# Harmonies

## Analogous

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



413E87



702C6D



841E4A

# Triad

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



702C6D



594500



005769

# Complementary

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



702C6D



2C702F

# 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.



005745



702C6D



354F00

# Square

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



702C6D



733604



00551F



005484

# Rectangle

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



702C6D



862133



00551F



00575D



# Sweetspot

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



702C6D



917790



2E2C70



4A3A49



C9C9C9



4A4A4A



# Same Dimension

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



702C6D



91278D



702C4C



383238



780073



F700EC



# Inverse Universe

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



702C6D



91278D



2C7050



383238



780073



F700EC



# Previews

## White Background



This preview shows how the Hex color 702C6D looks on a white background.

## Color Contrast Check

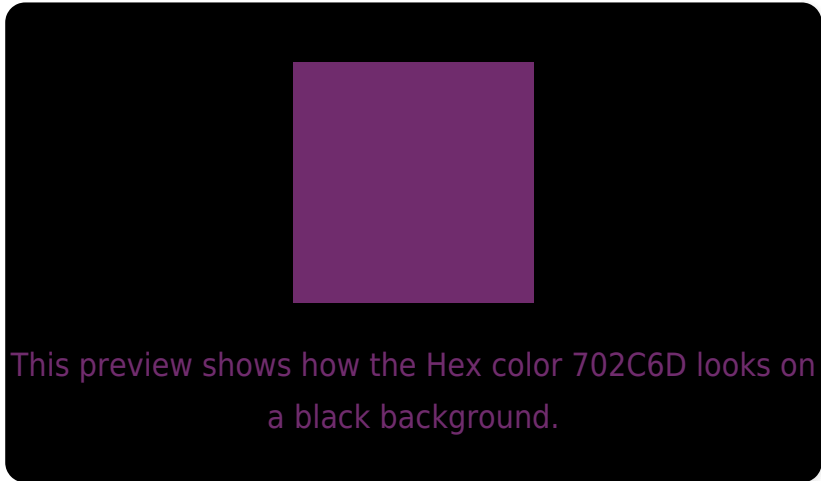
Large Text (above 18pt) WCAG AA ✓ Pass

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

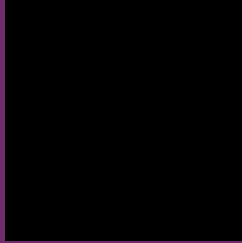
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702C6D Background



This preview shows how black text looks on a background with the Hex color 702C6D.



This preview shows how white text looks on a background with the Hex color 702C6D.

# 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**  
702C6D

**Protanopia**  
294684

**Deuteranopia**  
3B4868

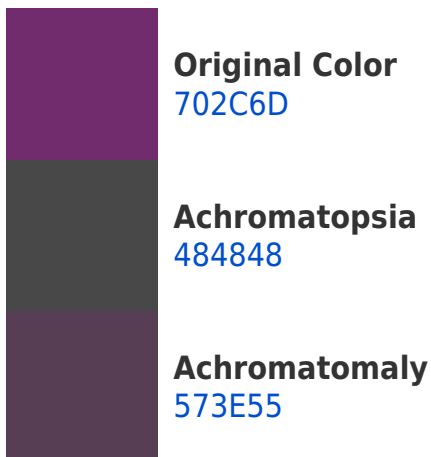


**Tritanopia**  
6B393D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702C6D 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 #702C6D looks like.

```
.text, #text, p{  
    color:#702C6D  
}
```

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 #702C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702C6D
}
```

## Border

The CSS property to change the border of an element to Hex 702C6D 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
#702C6D }
```

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

```
.border{ border-color:#702C6D }
```

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

Here you see how a box with a 4 pixel #702C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702C6D; -webkit-box-shadow:4px 4px  
4px 4px #702C6D; box-shadow:4px 4px 4px  
4px #702C6D }
```

# Background

The CSS property to change the background color of an element to Hex 702C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702C6D }
```

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

```
.background{ background-color:#702C6D }
```

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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