

# Converting Colors

Hex(702048)

Have a look what the booklet for  
Hex(702048) contains.

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**Color**

**Hex(702048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702048
RGB	112, 32, 72
RGB Percent	44%, 13%, 28%
CMY	0.5608, 0.8745, 0.7176
CMYK	0.00, 0.71, 0.36, 0.56
HSL	330°, 56%, 28%
HSV	330°, 71%, 44%
XYZ	8.3683, 4.9456, 6.6444
YIQ	60.4800, 34.8400, 29.4000

# Conversions

## Conversions Part 2

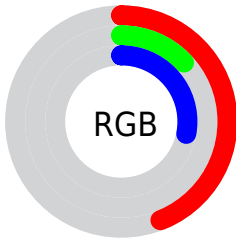
Format	Color
<a href="#">RYB</a>	<a href="#">112, 32, 72</a>
Decimal	<a href="#">7348296</a>
CIELab	<a href="#">26.58, 38.90, -5.33</a>
CIElCh	<a href="#">27, 39.266, 352.202</a>
Yxy	<a href="#">4.9456, 0.4193, 0.2478</a>
Android (android.graphics.Color)	<a href="#">4285538376 (0xFF702048)</a>
YUV	<a href="#">60.4800, 5.6794, 45.1830</a>
Hunter-Lab	<a href="#">22.2388, 28.2503, -2.1473</a>

# Details

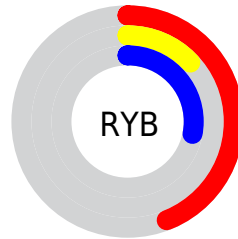
The Hex color **702048** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **207048**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A75378**, and **3C001D** is the 20% darker color. If you saturate the color by 10%, you get **701542**, and if you desaturate by 10%, it is **702B4E**.

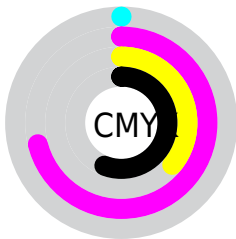
# Distribution



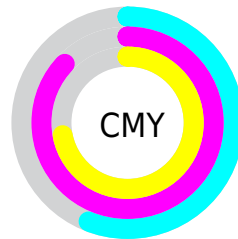
- Red (44%)
- Green (13%)
- Blue (28%)



- Red (44%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702048 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 702048 by changing the saturation by 10% instead.



 702048

 702048

FFFFFF

 560132

 A75378

 3C001D

 C36C92

 260001

 E087AD

 000000

 FDA2C8

 FFBDE4

 FFDAFF

 FFF7FF

 702048

 702048

■ 701542

■ 702B4E

■ 700A3D

■ 703653

■ 700038

■ 704259

■ 704D5E

■ 705864

■ 70636A

■ 706E6F

■ 707A75

■ 70857A

# Harmonies

## Analogous

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



5B2C64



702048



73212A

# Triad

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



702048



384400



004A6E

# Complementary

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



702048



207048

# 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.



004C55



702048



0B4917

# Square

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



702048



533B00



004C36



00457A

# Rectangle

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



702048



6D2918



004C36



004B67



# Sweetspot

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



702048



917382



482070



4A3741



C9C9C9



4A4A4A



# Same Dimension

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



702048



911453



702020



383235



78003C



F7007C



# Inverse Universe

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



702048



911453



207070



383235



78003C

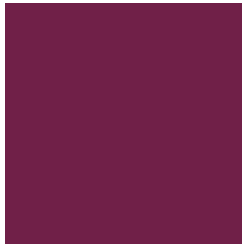


F7007C



# Previews

## White Background



This preview shows how the Hex color 702048 looks on a white background.

## Color Contrast Check

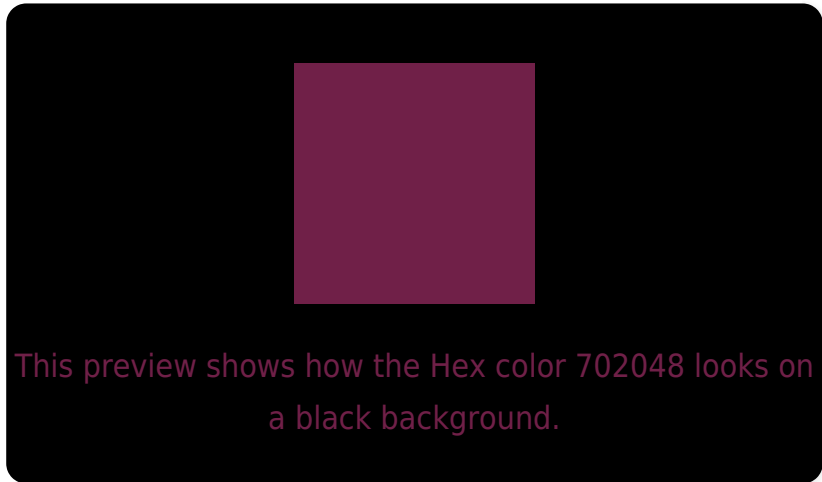
Large Text (above 18pt) WCAG AA ✓ Pass

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

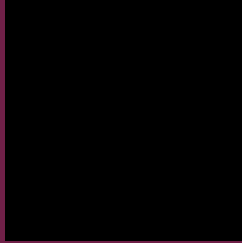
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702048 Background



This preview shows how black text looks on a background with the Hex color 702048.

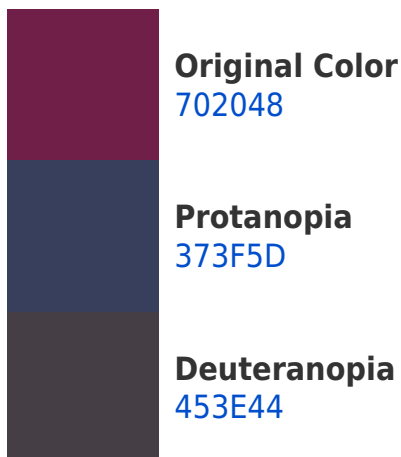



This preview shows how white text looks on a background with the Hex color 702048.

# 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**  
6E282A

# Trichromacy



**Original Color**  
702048

**Protanomaly**  
4C3455

**Deuteranomaly**  
553345

**Tritanomaly**  
6F2535

# Monochromacy



**Original Color**  
702048

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4F3240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702048 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 #702048 looks like.

```
.text, #text, p{  
    color:#702048  
}
```

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 #702048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702048
}
```

## Border

The CSS property to change the border of an element to Hex 702048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

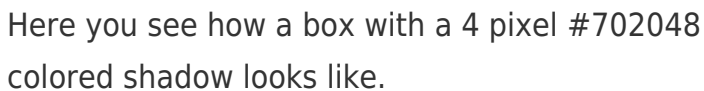
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#702048 }
```

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

```
.border{ border-color:#702048 }
```

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



Here you see how a box with a 4 pixel #702048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702048; -webkit-box-shadow:4px 4px  
4px 4px #702048; box-shadow:4px 4px 4px  
4px #702048 }
```

# Background

The CSS property to change the background color of an element to Hex 702048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702048 }
```

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

```
.background{ background-color:#702048 }
```

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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