

# Converting Colors

Hex(702028)

Have a look what the booklet for  
Hex(702028) contains.

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**Color**

**Hex(702028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702028
RGB	112, 32, 40
RGB Percent	44%, 13%, 16%
CMY	0.5608, 0.8745, 0.8431
CMYK	0.00, 0.71, 0.64, 0.56
HSL	354°, 56%, 28%
HSV	354°, 71%, 44%
XYZ	7.5816, 4.6310, 2.5018
YIQ	56.8320, 45.1120, 19.4480

# Conversions

## Conversions Part 2

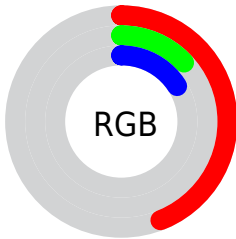
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 32, 40
Decimal	7348264
CIE Lab	25.66, 35.68, 14.96
CIE LCh	26, 38.691, 22.752
Yxy	4.6310, 0.5153, 0.3147
Android (android.graphics.Color)	4285538344 (0xFF702028)
YUV	56.8320, -8.2982, 48.3823
Hunter-Lab	21.5197, 25.2279, 8.1711

# Details

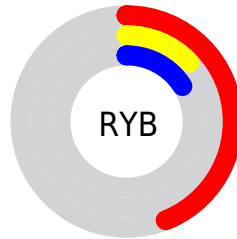
The Hex color **702028** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **207068**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A85255**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **70151E**, and if you desaturate by 10%, it is **702B32**.

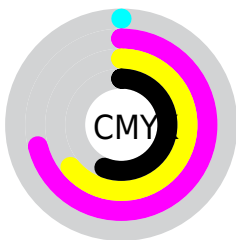
# Distribution



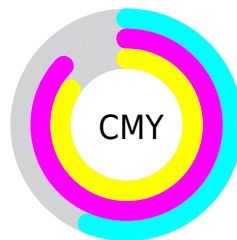
- Red (44%)
- Green (13%)
- Blue (16%)



- Red (44%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (64%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702028 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 702028 by changing the saturation by 10% instead.



 702028

 702028

FFFFFF

 550314

 A85255

 3B0000

 C56B6D

 1F0001

 E28586

 000000

 FFA0A1

 FFBCBC

 FFD8D7

 FFF5F4

 702028

 702028

 70151E

 702B32

 700A14

 70363C

 70000B

 704246

 704D50

 70585A

 706364

 706E6F

 707A79

 708583

# Harmonies

## Analogous

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



6D1E45



702028



652C0D

# Triad

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



702028



074716



004277

# Complementary

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



702028



207068

# 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.



00486B



702028



004A34

# Square

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



702028



354200



004A53



2D3873

# Rectangle

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



702028



583500



004A53



004575



# Sweetspot

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



702028



917376



682070



4A3739



C9C9C9



4A4A4A



# Same Dimension

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



702028



911421



704020



383233



78000C



F70019



# Inverse Universe

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



702028



911421



205070



383233



78000C

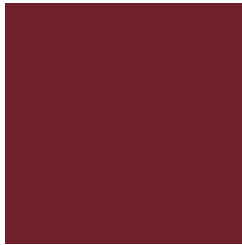


F70019



# Previews

## White Background



This preview shows how the Hex color 702028 looks on a white background.

## Color Contrast Check

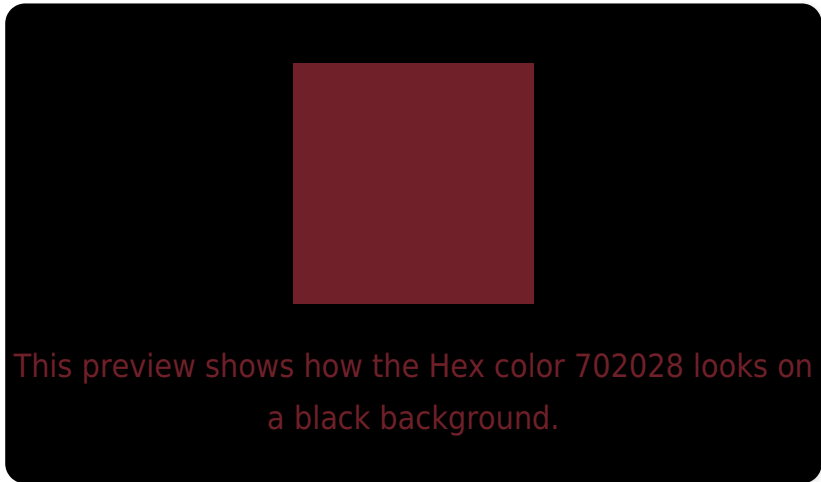
Large Text (above 18pt) WCAG AA ✓ Pass

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 702028 Background



This preview shows how black text looks on a background with the Hex color 702028.

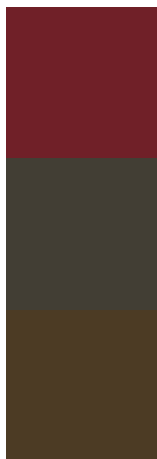


This preview shows how white text looks on a background with the Hex color 702028.

# 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**  
702028

**Protanopia**  
423E34

**Deuteranopia**  
4C3B24



# Trichromacy



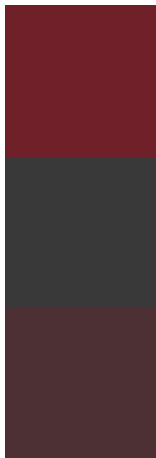
**Original Color**  
702028

**Protanomaly**  
533330

**Deuteranomaly**  
593125

**Tritanomaly**  
702125

# Monochromacy



**Original Color**  
702028

**Achromatopsia**  
393939

**Achromatomaly**  
4D3033

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702028 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 #702028 looks like.

```
.text, #text, p{  
    color:#702028  
}
```

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 #702028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702028
}
```

## Border

The CSS property to change the border of an element to Hex 702028 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
#702028 }
```

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

```
.border{ border-color:#702028 }
```

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

Here you see how a box with a 4 pixel #702028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702028; -webkit-box-shadow:4px 4px  
4px 4px #702028; box-shadow:4px 4px 4px  
4px #702028 }
```

# Background

The CSS property to change the background color of an element to Hex 702028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702028 }
```

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

```
.background{ background-color:#702028 }
```

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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