

# Converting Colors

Hex(701E4B)

Have a look what the booklet for  
Hex(701E4B) contains.

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# Color

**Hex(701E4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701E4B
RGB	112, 30, 75
RGB Percent	44%, 12%, 29%
CMY	0.5608, 0.8824, 0.7059
CMYK	0.00, 0.73, 0.33, 0.56
HSL	327°, 58%, 28%
HSV	327°, 73%, 44%
XYZ	8.4164, 4.8813, 7.1552
YIQ	59.6480, 34.4270, 31.3790

# Conversions

## Conversions Part 2

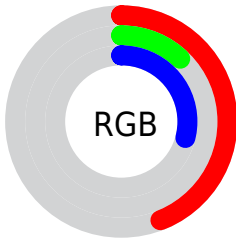
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 30, 75
Decimal	7347787
CIE Lab	26.39, 40.13, -7.62
CIE LCh	26, 40.844, 349.254
Yxy	4.8813, 0.4115, 0.2387
Android (android.graphics.Color)	4285537867 (0xFF701E4B)
YUV	59.6480, 7.5685, 45.9127
Hunter-Lab	22.0936, 29.3340, -3.7360

# Details

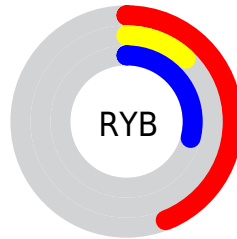
The Hex color **701E4B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E7043**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A7517C**, and **3C001F** is the 20% darker color. If you saturate the color by 10%, you get **701346**, and if you desaturate by 10%, it is **702950**.

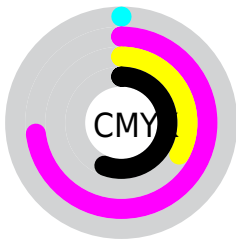
# Distribution



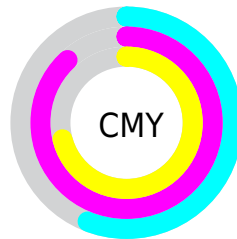
- Red (44%)
- Green (12%)
- Blue (29%)



- Red (44%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701E4B 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 701E4B by changing the saturation by 10% instead.



 701E4B

 701E4B

FFFFFF

 560034

 A7517C

 3C001F

 C36B96

 260005

 E085B0

 000000

 FDA0CC

 FFBCE8

 FFD8FF

 FFF5FF

 701E4B

 701E4B

■ 701346

■ 702950

■ 700841

■ 703455

■ 70003D

■ 70405A

■ 704B5F

■ 705664

■ 706169

■ 706C6E

■ 707873

■ 708378

# Harmonies

## Analogous

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



582C67



701E4B



751E2C

# Triad

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



701E4B



3A4300



004B6D

# Complementary

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



701E4B



1E7043

# 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.



004C52



701E4B



0E4912

# Square

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



701E4B



563900



004C32



00457C

# Rectangle

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



701E4B



702618



004C32



004C65



# Sweetspot

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



701E4B



917183



431E70



4A3741



C9C9C9



4A4A4A



# Same Dimension

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



701E4B



911158



701E22



383236



780042



F70088



# Inverse Universe

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



701E4B



911158



1E706C



383236



780042

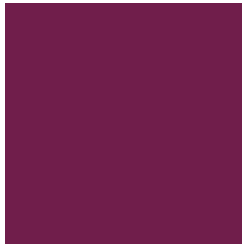


F70088



# Previews

## White Background



This preview shows how the Hex color 701E4B looks on a white background.

## Color Contrast Check

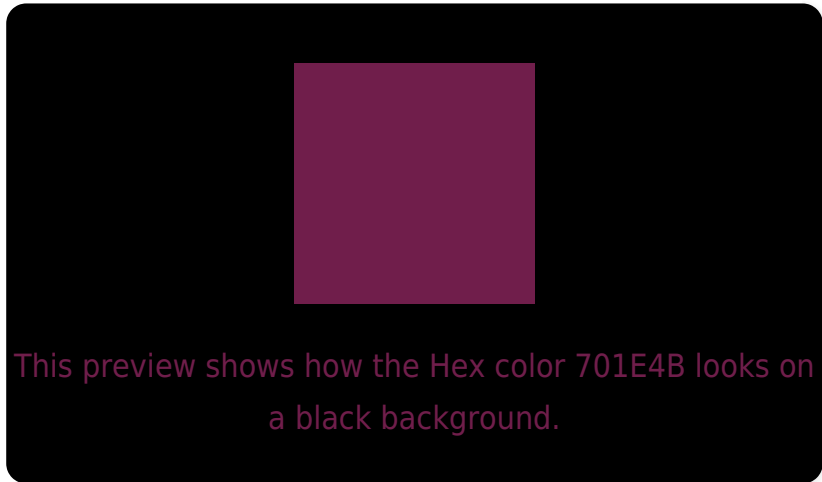
Large Text (above 18pt) WCAG AA ✓ Pass

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

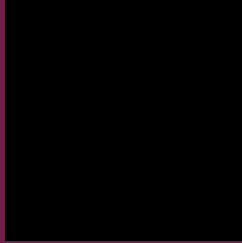
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701E4B Background



This preview shows how black text looks on a background with the Hex color 701E4B.



This preview shows how white text looks on a background with the Hex color 701E4B.

# 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**  
701E4B

**Protanopia**  
333F62

**Deuteranopia**  
433E47



**Tritanopia**  
6E272A

# Trichromacy



**Original Color**  
701E4B

**Protanomaly**  
49335A

**Deuteranomaly**  
533248

**Tritanomaly**  
6F2436

# Monochromacy



**Original Color**  
701E4B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4F3141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701E4B 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 #701E4B looks like.

```
.text, #text, p{  
    color:#701E4B  
}
```

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 #701E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701E4B
}
```

## Border

The CSS property to change the border of an element to Hex 701E4B 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
#701E4B }
```

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

```
.border{ border-color:#701E4B }
```

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

Here you see how a box with a 4 pixel #701E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701E4B; -webkit-box-shadow:4px 4px  
4px 4px #701E4B; box-shadow:4px 4px 4px  
4px #701E4B }
```

# Background

The CSS property to change the background color of an element to Hex 701E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701E4B }
```

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

```
.background{ background-color:#701E4B }
```

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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