

Converting Colors

Hex(701B2E)

Have a look what the booklet for
Hex(701B2E) contains.

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Color

Hex(701B2E)

Conversions

Conversions Part 1

Format	Color
Hex	701B2E
RGB	112, 27, 46
RGB Percent	44%, 11%, 18%
CMY	0.5608, 0.8941, 0.8196
CMYK	0.00, 0.76, 0.59, 0.56
HSL	347°, 61%, 27%
HSV	347°, 76%, 44%
XYZ	7.5672, 4.4259, 3.0402
YIQ	54.5810, 44.5610, 23.9290

Conversions

Conversions Part 2

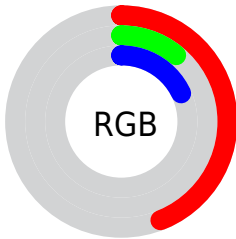
Format	Color
R_{YB}	112, 27, 46
Decimal	7346990
CIE Lab	25.03, 38.23, 10.07
CIE LCh	25, 39.538, 14.755
Yxy	4.4259, 0.5034, 0.2944
Android (android.graphics.Color)	4285537070 (0xFF701B2E)
YUV	54.5810, -4.2304, 50.3565
Hunter-Lab	21.0377, 27.3895, 6.1583

Details

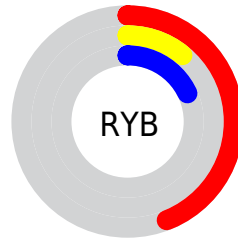
The Hex color **701B2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B705D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A84E5C**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **701025**, and if you desaturate by 10%, it is **702637**.

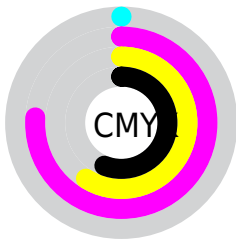
Distribution



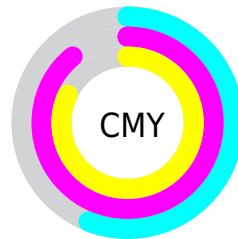
- Red (44%)
- Green (11%)
- Blue (18%)



- Red (44%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (59%)
- Black (56%)



- Cyan (56%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701B2E 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 701B2E by changing the saturation by 10% instead.

 701B2E

 701B2E

FFFFFF

 55001A

 A84E5C

 3B0000

 C56874

 1E0001

 E2828E

 000000

 FF9DA8

 FFB8C3

 FFD4DF

 FFF1FC

 701B2E

 701B2E

■ 701025

■ 702637

■ 70051D

■ 70313F

■ 700019

■ 703D48

■ 704851

■ 705359

■ 705E62

■ 70696B

■ 707574

■ 70807C

Harmonies

Analogous

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



691E4C



701B2E



682712

Triad

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



701B2E



16450C



004375

Complementary

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



701B2E



1B705D

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.



004865



701B2E



00482B

Square

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



701B2E



3C3F00



00494A



103A76

Rectangle

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



701B2E



5D3000



00494A



004571

Sweetspot

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



701B2E



917077



5C1B70



4A353A



C9C9C9



4A4A4A

Same Dimension

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



701B2E



910D2B



70321B



383234



78001B



F70037

Inverse Universe

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



701B2E



910D2B



1B5970



383234



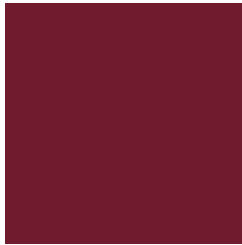
78001B



F70037

Previews

White Background



This preview shows how the Hex color 701B2E looks on a white background.

Color Contrast Check

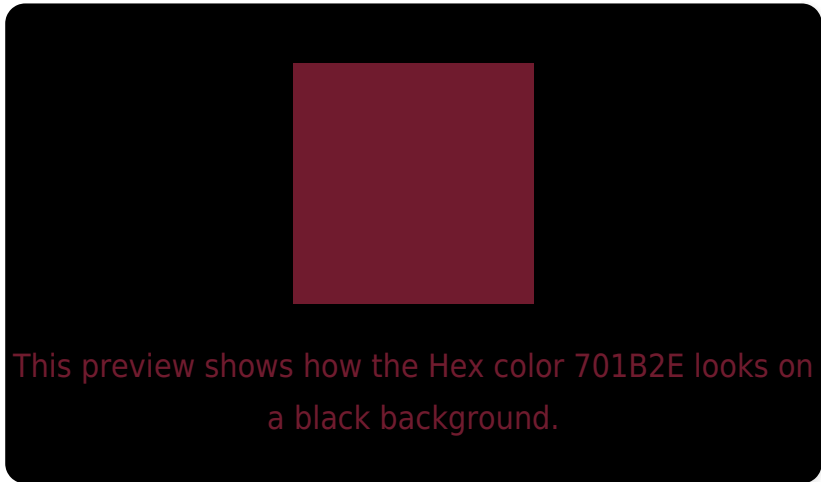
Large Text (above 18pt) WCAG AA ✓ Pass

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 701B2E Background



This preview shows how black text looks on a background with the Hex color 701B2E.

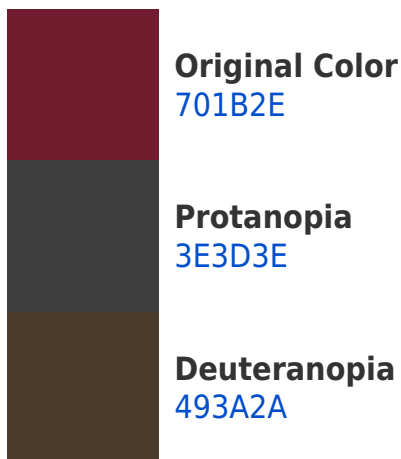


This preview shows how white text looks on a background with the Hex color 701B2E.

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
6F1E1F

Trichromacy



Original Color
701B2E

Protanomaly
503138

Deuteranomaly
572F2B

Tritanomaly
6F1D24

Monochromacy



Original Color
701B2E

Achromatopsia
373737

Achromatomaly
4C2D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 701B2E 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 #701B2E looks like.

```
.text, #text, p{  
    color:#701B2E  
}
```

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 #701B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701B2E
}
```

Border

The CSS property to change the border of an element to Hex 701B2E 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".

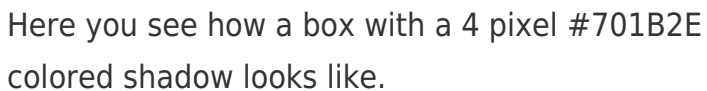
```
.border, #border, table{ border:4px solid
#701B2E }
```

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

```
.border{ border-color:#701B2E }
```

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

Here you see how a box with a 4 pixel #701B2E 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701B2E; -webkit-box-shadow:4px 4px  
4px 4px #701B2E; box-shadow:4px 4px 4px  
4px #701B2E }
```

Background

The CSS property to change the background color of an element to Hex 701B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701B2E }
```

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

```
.background{ background-color:#701B2E }
```

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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