

Converting Colors

Hex(731B2E)

Have a look what the booklet for
Hex(731B2E) contains.

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Color

Hex(731B2E)

Conversions

Conversions Part 1

Format	Color
Hex	731B2E
RGB	115, 27, 46
RGB Percent	45%, 11%, 18%
CMY	0.5490, 0.8941, 0.8196
CMYK	0.00, 0.77, 0.60, 0.55
HSL	347°, 62%, 28%
HSV	347°, 77%, 45%
XYZ	7.9553, 4.6260, 3.0584
YIQ	55.4780, 46.3490, 24.5650

Conversions

Conversions Part 2

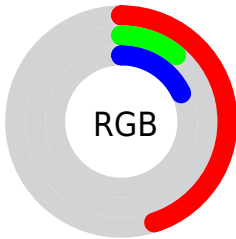
Format	Color
RYB	115, 27, 46
Decimal	7543598
CIELab	25.64, 39.23, 11.00
CIELCh	26, 40.738, 15.665
Yxy	4.6260, 0.5087, 0.2958
Android (android.graphics.Color)	4285733678 (0xFF731B2E)
YUV	55.4780, -4.6727, 52.2008
Hunter-Lab	21.5080, 28.3838, 6.6248

Details

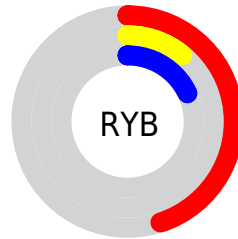
The Hex color **731B2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B7360**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AB4F5C**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **731025**, and if you desaturate by 10%, it is **732737**.

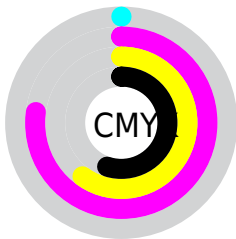
Distribution



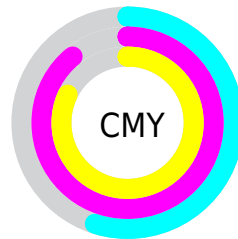
- Red (45%)
- Green (11%)
- Blue (18%)



- Red (45%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (77%)
- Yellow (60%)
- Black (55%)



- Cyan (55%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731B2E 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 731B2E by changing the saturation by 10% instead.



731B2E



731B2E

FFFFFF



58001A



AB4F5C



3E0000



C86874



220001



E6838E



000000



FF9EA8



FFB9C3



FFD5DF



FFF2FC



731B2E



731B2E

■ 731025

■ 732737

■ 73041C

■ 733240

■ 730019

■ 733E49

■ 734952

■ 73555B

■ 736064

■ 736C6D

■ 737776

■ 73837F

Harmonies

Analogous

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



6C1D4D



731B2E



6A2811

Triad

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



731B2E



14470C



004579

Complementary

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



731B2E



1B7360

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.



004969



731B2E



004A2C

Square

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



731B2E



3C4000



004B4D



133B79

Rectangle

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



731B2E



5E3100



004B4D



004775

Sweetspot

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



731B2E



96747B



601B73



4D373C



CCCCCC



4D4D4D

Same Dimension

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



731B2E



960C2A



73341B



3B3536



7A001A



FA0036

Inverse Universe

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



731B2E



960C2A



1B5A73



3B3536



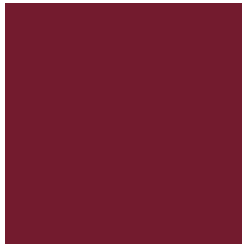
7A001A



FA0036

Previews

White Background



This preview shows how the Hex color 731B2E looks on a white background.

Color Contrast Check

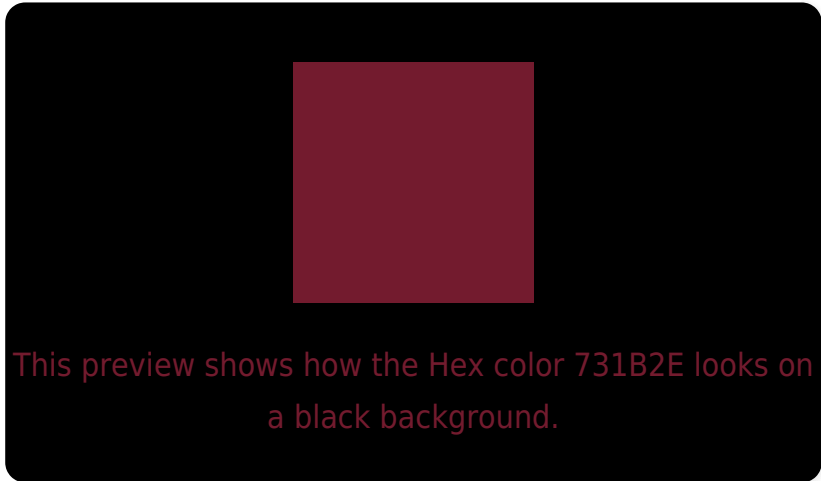
Large Text (above 18pt) WCAG AA ✓ Pass

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 731B2E Background



This preview shows how black text looks on a background with the Hex color 731B2E.



This preview shows how white text looks on a background with the Hex color 731B2E.

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
731B2E

Protanopia
403E3E

Deuteranopia
4B3C2A

Trichromacy



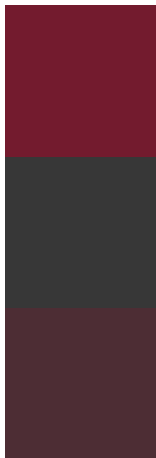
Original Color
731B2E

Protanomaly
533138

Deuteranomaly
5A302B

Tritanomaly
721D24

Monochromacy



Original Color
731B2E

Achromatopsia
373737

Achromatomaly
4D2D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 731B2E 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 #731B2E looks like.

```
.text, #text, p{  
    color:#731B2E  
}
```

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 #731B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731B2E
}
```

Border

The CSS property to change the border of an element to Hex 731B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

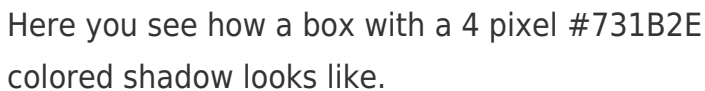
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#731B2E }
```

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

```
.border{ border-color:#731B2E }
```

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



Here you see how a box with a 4 pixel #731B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731B2E; -webkit-box-shadow:4px 4px  
4px 4px #731B2E; box-shadow:4px 4px 4px  
4px #731B2E }
```

Background

The CSS property to change the background color of an element to Hex 731B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731B2E }
```

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

```
.background{ background-color:#731B2E }
```

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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