

Converting Colors

Hex(731E49)

Have a look what the booklet for
Hex(731E49) contains.

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Color

Hex(731E49)

Conversions

Conversions Part 1

Format	Color
Hex	731E49
RGB	115, 30, 73
RGB Percent	45%, 12%, 29%
CMY	0.5490, 0.8824, 0.7137
CMYK	0.00, 0.74, 0.37, 0.55
HSL	330°, 59%, 28%
HSV	330°, 74%, 45%
XYZ	8.7371, 5.0544, 6.8184
YIQ	60.3170, 36.8570, 31.3930

Conversions

Conversions Part 2

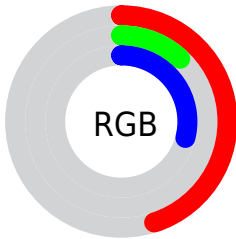
Format	Color
R_{YB}	115, 30, 73
Decimal	7544393
CIE Lab	26.89, 40.79, -5.47
CIE LCh	27, 41.154, 352.356
Yxy	5.0544, 0.4239, 0.2452
Android (android.graphics.Color)	4285734473 (0xFF731E49)
YUV	60.3170, 6.2527, 47.9570
Hunter-Lab	22.4820, 30.0261, -2.2443

Details

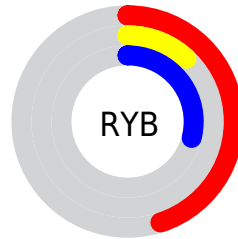
The Hex color **731E49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E7348**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AA527A**, and **3F001E** is the 20% darker color. If you saturate the color by 10%, you get **731243**, and if you desaturate by 10%, it is **73294F**.

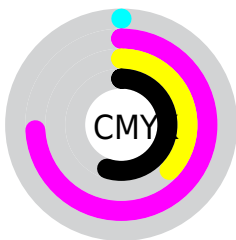
Distribution



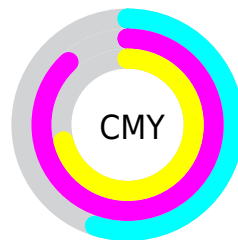
- Red (45%)
- Green (12%)
- Blue (29%)



- Red (45%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731E49 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 731E49 by changing the saturation by 10% instead.

 731E49

 731E49

FFFFFF

 580033

 AA527A

 3F001E

 C66C93

 280001

 E386AE

 000000

 FFA1C9

 FFBDE5

 FFD9FF

 FFF6FF

 731E49

 731E49

731243

73294F

73073E

733554

73003A

73405A

734C60

735865

73636B

736F71

737A76

73867C

Harmonies

Analogous

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



5D2B66



731E49



76202A

Triad

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



731E49



374500



004C71

Complementary

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



731E49



1E7348

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.



004E57



731E49



054B16

Square

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



731E49



553B00



004D36



00467E

Rectangle

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



731E49



702916



004D36



004D69

Sweetspot

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



731E49



967586



471E73



4D3943



CCCCCC



4D4D4D

Same Dimension

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



731E49



961154



731E1F



3B3538



7A003E



FA007E

Inverse Universe

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



731E49



961154



1E7372



3B3538



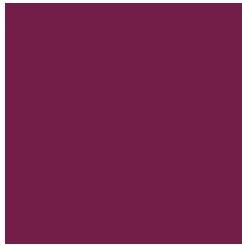
7A003E



FA007E

Previews

White Background



This preview shows how the Hex color 731E49 looks on a white background.

Color Contrast Check

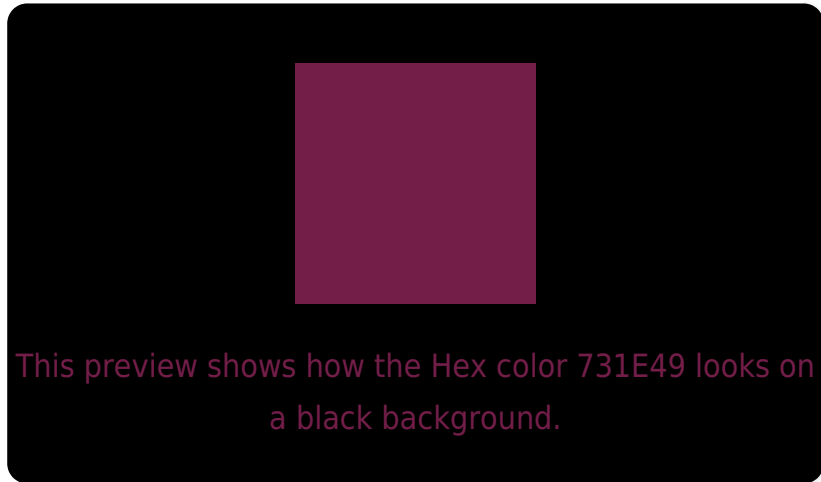
Large Text (above 18pt) WCAG AA ✓ Pass

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

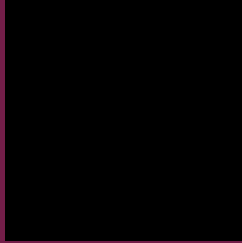
Any Text WCAG AA × Fail

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 731E49 Background



This preview shows how black text looks on a background with the Hex color 731E49.



This preview shows how white text looks on a background with the Hex color 731E49.

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
731E49

Protanopia
364060

Deuteranopia
463F45

Trichromacy



Original Color
731E49

Protanomaly
4C3458

Deuteranomaly
563346

Tritanomaly
722435

Monochromacy



Original Color
731E49

Achromatopsia
3C3C3C

Achromatomaly
503141

CSS Examples

Text

The CSS property to change the color of the text to Hex 731E49 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 #731E49 looks like.

```
.text, #text, p{  
    color:#731E49  
}
```

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 #731E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731E49
}
```

Border

The CSS property to change the border of an element to Hex 731E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

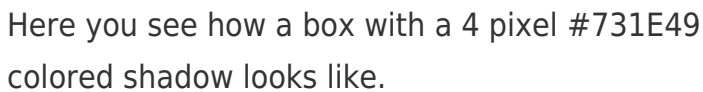
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#731E49 }
```

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

```
.border{ border-color:#731E49 }
```

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



Here you see how a box with a 4 pixel #731E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731E49; -webkit-box-shadow:4px 4px  
4px 4px #731E49; box-shadow:4px 4px 4px  
4px #731E49 }
```

Background

The CSS property to change the background color of an element to Hex 731E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731E49 }
```

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

```
.background{ background-color:#731E49 }
```

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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