

Converting Colors

Hex(731E3A)

Have a look what the booklet for
Hex(731E3A) contains.

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Color

Hex(731E3A)

Conversions

Conversions Part 1

Format	Color
Hex	731E3A
RGB	115, 30, 58
RGB Percent	45%, 12%, 23%
CMY	0.5490, 0.8824, 0.7725
CMYK	0.00, 0.74, 0.50, 0.55
HSL	340°, 59%, 28%
HSV	340°, 74%, 45%
XYZ	8.2982, 4.8789, 4.5073
YIQ	58.6070, 41.6720, 26.7280

Conversions

Conversions Part 2

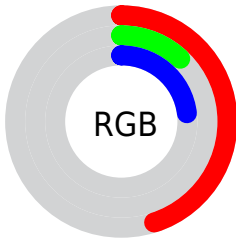
Format	Color
R_{YB}	115, 30, 58
Decimal	7544378
CIE Lab	26.39, 39.11, 3.90
CIE LCh	26, 39.304, 5.687
Yxy	4.8789, 0.4692, 0.2759
Android (android.graphics.Color)	4285734458 (0xFF731E3A)
YUV	58.6070, -0.2993, 49.4567
Hunter-Lab	22.0882, 28.4057, 3.3629

Details

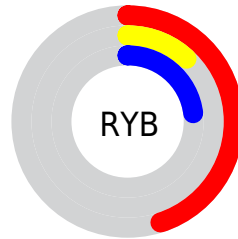
The Hex color **731E3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E7357**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AB5169**, and **3E000F** is the 20% darker color. If you saturate the color by 10%, you get **731232**, and if you desaturate by 10%, it is **732942**.

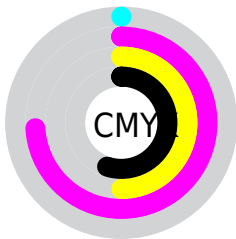
Distribution



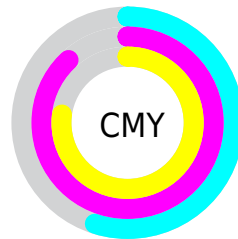
- Red (45%)
- Green (12%)
- Blue (23%)



- Red (45%)
- Yellow (12%)
- Blue (23%)



- Cyan (0%)
- Magenta (74%)
- Yellow (50%)
- Black (55%)



- Cyan (55%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731E3A 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 731E3A by changing the saturation by 10% instead.

 731E3A

 731E3A

FFFFFF

 580025

 AB5169

 3E000F

 C76B82

 250001

 E5859C

 000000

 FFA0B7

 FFBCD2

 FFD8EF

 FFF5FF

 731E3A

 731E3A

731232

732942

73072B

733549

730026

734051

734C59

735861

736368

736F70

737A78

73867F

Harmonies

Analogous

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



662558



731E3A



6F261D

Triad

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



731E3A



284606



004875

Complementary

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



731E3A



1E7357

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.



004B61



731E3A



004A24

Square

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



731E3A



473F00



004C43



00407A

Rectangle

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



731E3A



662F0B



004C43



004A70

Sweetspot

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



731E3A



967580



571E73



4D393F



CCCCCC



4D4D4D

Same Dimension

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



731E3A



96113D



732C1E



3B3537



7A0028



FA0052

Inverse Universe

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



731E3A



96113D



1E6573



3B3537



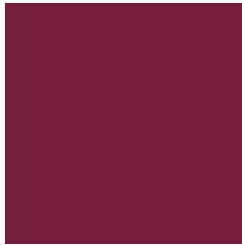
7A0028



FA0052

Previews

White Background



This preview shows how the Hex color 731E3A looks on a white background.

Color Contrast Check

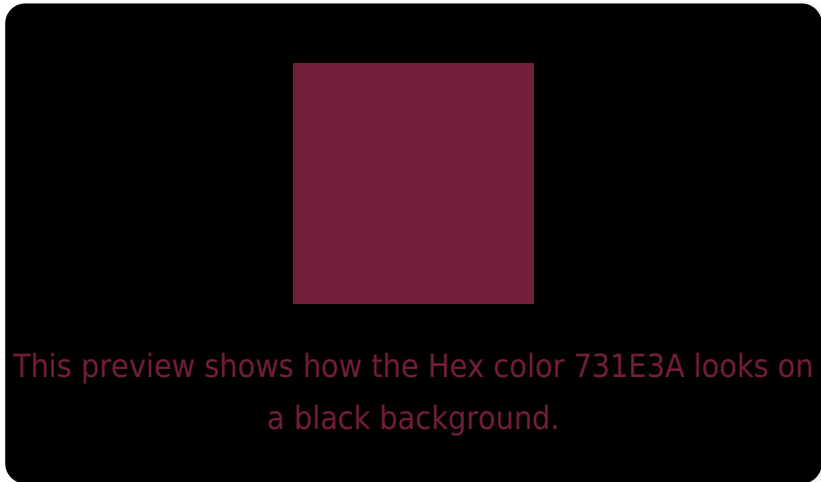
Large Text (above 18pt) WCAG AA ✓ Pass

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

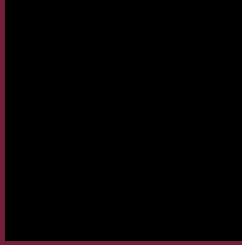
Any Text WCAG AA × Fail

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 731E3A Background



This preview shows how black text looks on a background with the Hex color 731E3A.



This preview shows how white text looks on a background with the Hex color 731E3A.

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
731E3A

Protanopia
3D3F4C

Deuteranopia
4A3D36

Trichromacy



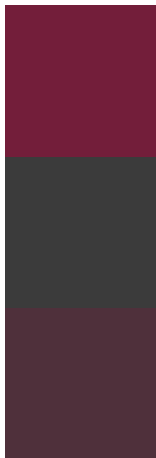
Original Color
731E3A

Protanomaly
513345

Deuteranomaly
593237

Tritanomaly
72212D

Monochromacy



Original Color
731E3A

Achromatopsia
3B3B3B

Achromatomaly
4F303B

CSS Examples

Text

The CSS property to change the color of the text to Hex 731E3A 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 #731E3A looks like.

```
.text, #text, p{  
    color:#731E3A  
}
```

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 #731E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731E3A
}
```

Border

The CSS property to change the border of an element to Hex 731E3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

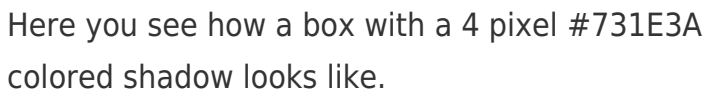
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#731E3A }
```

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

```
.border{ border-color:#731E3A }
```

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



Here you see how a box with a 4 pixel #731E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731E3A; -webkit-box-shadow:4px 4px  
4px 4px #731E3A; box-shadow:4px 4px 4px  
4px #731E3A }
```

Background

The CSS property to change the background color of an element to Hex 731E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731E3A }
```

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

```
.background{ background-color:#731E3A }
```

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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