

Converting Colors

Hex(731B3A)

Have a look what the booklet for
Hex(731B3A) contains.

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Color

Hex(731B3A)

Conversions

Conversions Part 1

Format	Color
Hex	731B3A
RGB	115, 27, 58
RGB Percent	45%, 11%, 23%
CMY	0.5490, 0.8941, 0.7725
CMYK	0.00, 0.77, 0.50, 0.55
HSL	339°, 62%, 28%
HSV	339°, 77%, 45%
XYZ	8.2259, 4.7342, 4.4832
YIQ	56.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

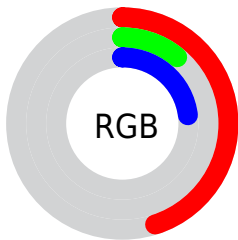
Format	Color
R_{YB}	115, 27, 58
Decimal	7543610
CIE Lab	25.96, 40.29, 3.29
CIE LCh	26, 40.422, 4.667
Yxy	4.7342, 0.4716, 0.2714
Android (android.graphics.Color)	4285733690 (0xFF731B3A)
YUV	56.8460, 0.5689, 51.0011
Hunter-Lab	21.7582, 29.4067, 3.0142

Details

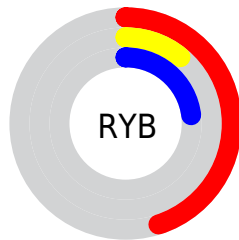
The Hex color **731B3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B7354**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AB4F69**, and **3E000F** is the 20% darker color. If you saturate the color by 10%, you get **731033**, and if you desaturate by 10%, it is **732741**.

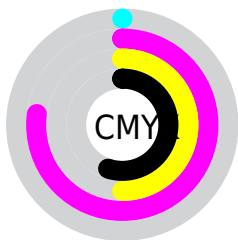
Distribution



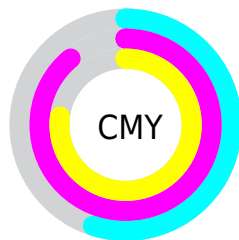
- Red (45%)
- Green (11%)
- Blue (23%)



- Red (45%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (50%)
- Black (55%)



- Cyan (55%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731B3A 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 731B3A by changing the saturation by 10% instead.

 731B3A

 731B3A

FFFFFF

 580025

 AB4F69

 3E000F

 C76982

 250001

 E5839C

 000000

 FF9EB7

 FFBAD2

 FFD6EF

 FFF3FF

 731B3A

 731B3A

■ 731033

■ 732741

■ 73042B

■ 733249

■ 730029

■ 733E50

■ 734958

■ 73555F

■ 736067

■ 736C6E

■ 737776

■ 73837D

Harmonies

Analogous

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



662358



731B3A



70231C

Triad

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



731B3A



274502



004775

Complementary

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



731B3A



1B7354

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.



004B60



731B3A



004A22

Square

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



731B3A



473E00



004B42



00407B

Rectangle

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



731B3A



662D09



004B42



00496F

Sweetspot

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



731B3A



967480



531B73



4D373F



CCCCCC



4D4D4D

Same Dimension

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



731B3A



960C3D



73271B



3B3537



7A002B



FA0058

Inverse Universe

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



731B3A



960C3D



1B6773



3B3537



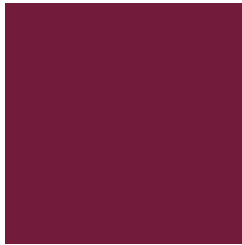
7A002B



FA0058

Previews

White Background



This preview shows how the Hex color 731B3A looks on a white background.

Color Contrast Check

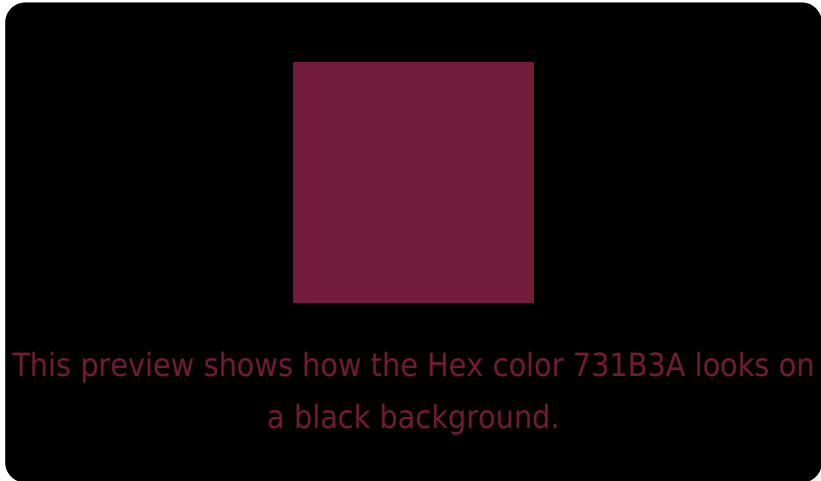
Large Text (above 18pt) WCAG AA ✓ Pass

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

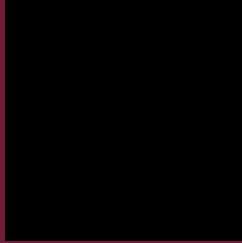
Any Text WCAG AA × Fail

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 731B3A Background



This preview shows how black text looks on a background with the Hex color 731B3A.



This preview shows how white text looks on a background with the Hex color 731B3A.

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
731B3A

Protanopia
3C3E4E

Deuteranopia
483D36

Trichromacy



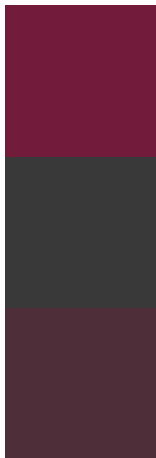
Original Color
731B3A

Protanomaly
503147

Deuteranomaly
583137

Tritanomaly
721F2B

Monochromacy



Original Color
731B3A

Achromatopsia
393939

Achromatomaly
4E2E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 731B3A 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 #731B3A looks like.

```
.text, #text, p{  
    color:#731B3A  
}
```

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 #731B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731B3A
}
```

Border

The CSS property to change the border of an element to Hex 731B3A 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
#731B3A }
```

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

```
.border{ border-color:#731B3A }
```

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

Here you see how a box with a 4 pixel #731B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731B3A; -webkit-box-shadow:4px 4px  
4px 4px #731B3A; box-shadow:4px 4px 4px  
4px #731B3A }
```

Background

The CSS property to change the background color of an element to Hex 731B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731B3A }
```

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

```
.background{ background-color:#731B3A }
```

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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