

Converting Colors

Hex(731A2F)

Have a look what the booklet for
Hex(731A2F) contains.

| | |
|--|----|
| Hex(731A2F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(731A2F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 731A2F |
| RGB | 115, 26, 47 |
| RGB Percent | 45%, 10%, 18% |
| CMY | 0.5490, 0.8980, 0.8157 |
| CMYK | 0.00, 0.77, 0.59, 0.55 |
| HSL | 346°, 63%, 28% |
| HSV | 346°, 77%, 45% |
| XYZ | 7.9527, 4.5889, 3.1559 |
| YIQ | 55.0050, 46.3030, 25.3990 |

Conversions

Conversions Part 2

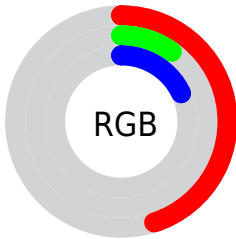
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 115, 26, 47 |
| Decimal | 7543343 |
| CIE _{Lab} | 25.53, 39.68, 10.17 |
| CIE _{LCh} | 26, 40.964, 14.372 |
| Yxy | 4.5889, 0.5066, 0.2923 |
| Android (android.graphics.Color) | 4285733423 (0xFF731A2F) |
| YUV | 55.0050, -3.9465, 52.6156 |
| Hunter-Lab | 21.4216, 28.7797, 6.2603 |

Details

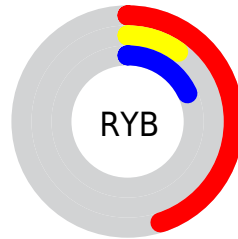
The Hex color **731A2F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A735E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AB4E5D**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **730F26**, and if you desaturate by 10%, it is **732638**.

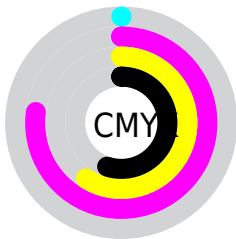
Distribution



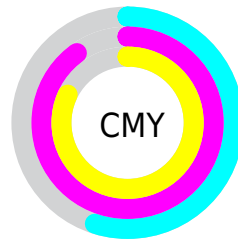
- Red (45%)
- Green (10%)
- Blue (18%)



- Red (45%)
- Yellow (10%)
- Blue (18%)



- Cyan (0%)
- Magenta (77%)
- Yellow (59%)
- Black (55%)



- Cyan (55%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731A2F 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 731A2F by changing the saturation by 10% instead.

 731A2F

 731A2F

FFFFFF

 58001A

 AB4E5D

 3E0000

 C86875

 220001

 E6828F

 000000

 FF9DA9

 FFB8C4

 FFD5E0

 FFF1FD

 731A2F

 731A2F

■ 730F26

■ 732638

■ 73031D

■ 733141

■ 73001B

■ 733D49

■ 734852

■ 73545B

■ 735F64

■ 736B6D

■ 737675

■ 73827E

Harmonies

Analogous

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



6B1D4E



731A2F



6B2712

Triad

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



731A2F



16460A



004579

Complementary

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



731A2F



1A735E

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.



004967



731A2F



00492B

Square

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



731A2F



3D4000



004A4B



093B79

Rectangle

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



731A2F



5F3100



004A4B



004775

Sweetspot

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



731A2F



96747C



5D1A73



4D373C



CCCCCC



4D4D4D

Same Dimension

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



731A2F



960B2C



73301A



3B3536



7A001D



FA003B

Inverse Universe

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



731A2F



960B2C



1A5D73



3B3536



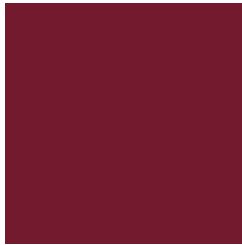
7A001D



FA003B

Previews

White Background



This preview shows how the Hex color 731A2F looks on a white background.

Color Contrast Check

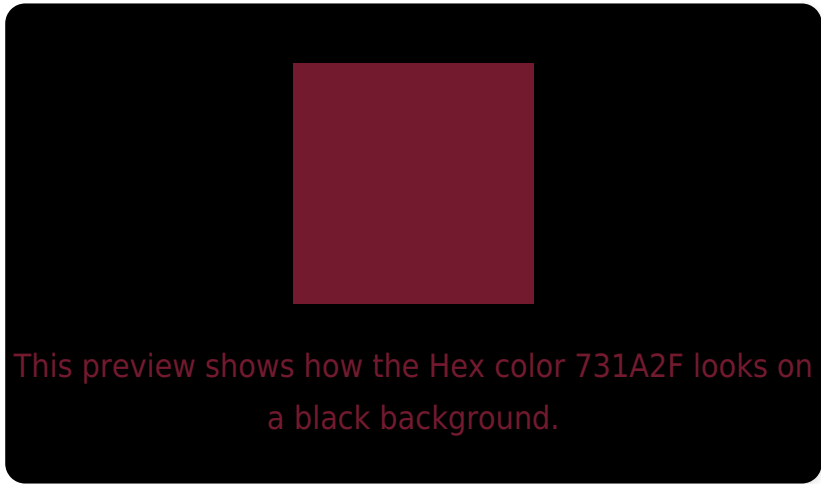
Large Text (above 18pt) WCAG AA ✓ Pass

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 731A2F Background



This preview shows how black text looks on a background with the Hex color 731A2F.



This preview shows how white text looks on a background with the Hex color 731A2F.

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
731A2F

Protanopia
3F3E40

Deuteranopia
4A3C2B

Trichromacy



Original Color

731A2F

Protanomaly

52313A

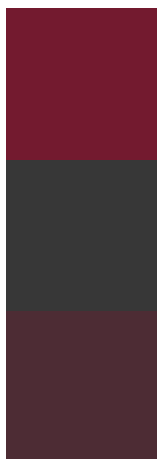
Deuteranomaly

59302C

Tritanomaly

721D25

Monochromacy



Original Color

731A2F

Achromatopsia

373737

Achromatomaly

4D2C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 731A2F 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 #731A2F looks like.

```
.text, #text, p{  
    color:#731A2F  
}
```

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 #731A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731A2F
}
```

Border

The CSS property to change the border of an element to Hex 731A2F 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
#731A2F }
```

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

```
.border{ border-color:#731A2F }
```

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

Here you see how a box with a 4 pixel #731A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731A2F; -webkit-box-shadow:4px 4px  
4px 4px #731A2F; box-shadow:4px 4px 4px  
4px #731A2F }
```

Background

The CSS property to change the background color of an element to Hex 731A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731A2F }
```

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

```
.background{ background-color:#731A2F }
```

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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