

Converting Colors

Hex(731D4E)

Have a look what the booklet for
Hex(731D4E) contains.

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Color

Hex(731D4E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 731D4E |
| RGB | 115, 29, 78 |
| RGB Percent | 45%, 11%, 31% |
| CMY | 0.5490, 0.8863, 0.6941 |
| CMYK | 0.00, 0.75, 0.32, 0.55 |
| HSL | 326°, 60%, 28% |
| HSV | 326°, 75%, 45% |
| XYZ | 8.8847, 5.0736, 7.7188 |
| YIQ | 60.3000, 35.5270, 33.4710 |

Conversions

Conversions Part 2

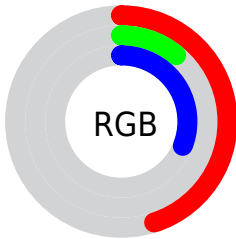
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 115, 29, 78 |
| Decimal | 7544142 |
| CIE _{Lab} | 26.94, 41.82, -8.73 |
| CIE _{LCh} | 27, 42.721, 348.204 |
| Yxy | 5.0736, 0.4099, 0.2341 |
| Android (android.graphics.Color) | 4285734222 (0xFF731D4E) |
| YUV | 60.3000, 8.7261, 47.9719 |
| Hunter-Lab | 22.5247, 30.9900, -4.5502 |

Details

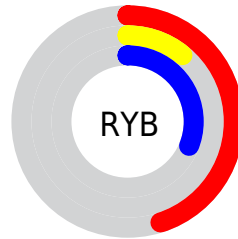
The Hex color **731D4E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1D7342**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AA517F**, and **3F0022** is the 20% darker color. If you saturate the color by 10%, you get **731249**, and if you desaturate by 10%, it is **732953**.

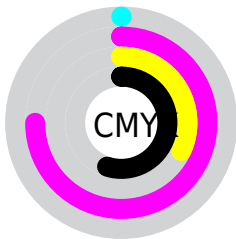
Distribution



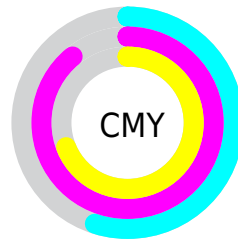
- Red (45%)
- Green (11%)
- Blue (31%)



- Red (45%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (32%)
- Black (55%)



- Cyan (55%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731D4E 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 731D4E by changing the saturation by 10% instead.

 731D4E

 731D4E

FFFFFF

 580037

 AA517F

 3F0022

 C66B99

 28000A

 E385B4

 000000

 FFA1CF

 FFBCEC

 FFD9FF

 FFF5FF

 731D4E

 731D4E

731249

732953

730644

733458

730042

73405D

734B62

735767

73626C

736E71

737976

73857B

Harmonies

Analogous

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



592D6C



731D4E



791C2D

Triad

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



731D4E



3C4400



004D70

Complementary

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



731D4E



1D7342

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.



004E53



731D4E



0E4A0F

Square

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



731D4E



593A00



004D31



004780

Rectangle

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



731D4E



732519



004D31



004E67

Sweetspot

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



731D4E



967588



411D73



4D3944



CCCCCC



4D4D4D

Same Dimension

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



731D4E



960F5C



731D24



3B3538



7A0046



FA008E

Inverse Universe

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



731D4E



960F5C



1D736C



3B3538



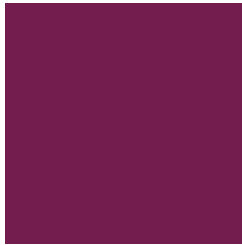
7A0046



FA008E

Previews

White Background



This preview shows how the Hex color 731D4E looks on a white background.

Color Contrast Check

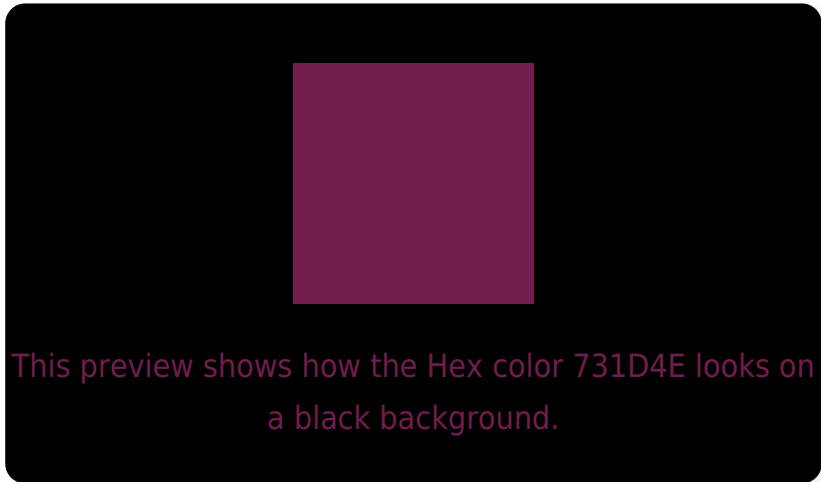
Large Text (above 18pt) WCAG AA ✓ Pass

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

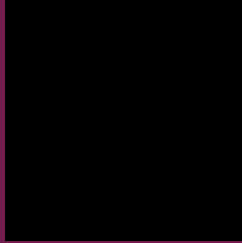
Any Text WCAG AA × Fail

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 731D4E Background



This preview shows how black text looks on a background with the Hex color 731D4E.

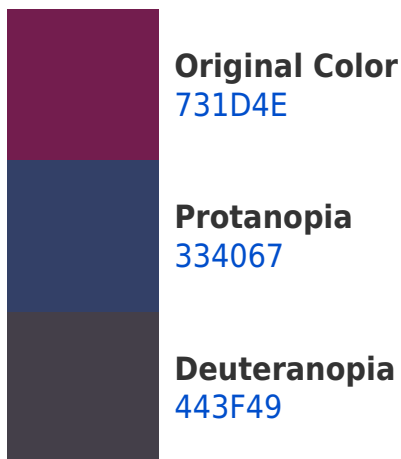


This preview shows how white text looks on a background with the Hex color 731D4E.

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





Tritanopia
70282A

Trichromacy



Original Color
731D4E

Protanomaly
4A335E

Deuteranomaly
55334B

Tritanomaly
712437

Monochromacy



Original Color
731D4E

Achromatopsia
3C3C3C

Achromatomaly
503143

CSS Examples

Text

The CSS property to change the color of the text to Hex 731D4E 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 #731D4E looks like.

```
.text, #text, p{  
    color:#731D4E  
}
```

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 #731D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731D4E
}
```

Border

The CSS property to change the border of an element to Hex 731D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

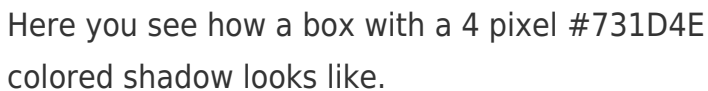
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#731D4E }
```

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

```
.border{ border-color:#731D4E }
```

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



Here you see how a box with a 4 pixel #731D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731D4E; -webkit-box-shadow:4px 4px  
4px 4px #731D4E; box-shadow:4px 4px 4px  
4px #731D4E }
```

Background

The CSS property to change the background color of an element to Hex 731D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731D4E }
```

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

```
.background{ background-color:#731D4E }
```

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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