

Converting Colors

Hex(731A77)

Have a look what the booklet for
Hex(731A77) contains.

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Color

Hex(731A77)

Conversions

Conversions Part 1

Format	Color
Hex	731A77
RGB	115, 26, 119
RGB Percent	45%, 10%, 47%
CMY	0.5490, 0.8980, 0.5333
CMYK	0.03, 0.78, 0.00, 0.53
HSL	297°, 64%, 28%
HSV	297°, 78%, 47%
XYZ	10.7694, 5.7155, 17.9884
YIQ	63.2130, 23.1910, 47.7910

Conversions

Conversions Part 2

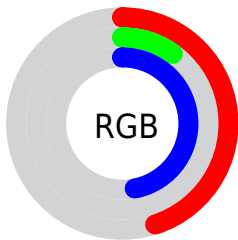
Format	Color
R_{YB}	115, 26, 119
Decimal	7543415
CIE _{Lab}	28.68, 49.35, -32.70
CIE _{LCh}	29, 59.200, 326.468
Yxy	5.7155, 0.3124, 0.1658
Android (android.graphics.Color)	4285733495 (0xFF731A77)
YUV	63.2130, 27.5030, 45.4172
Hunter-Lab	23.9072, 38.5708, -27.8762

Details

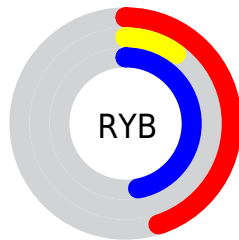
The Hex color **731A77** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1E771A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AA51AC**, and **3F0046** is the 20% darker color. If you saturate the color by 10%, you get **720E77**, and if you desaturate by 10%, it is **742677**.

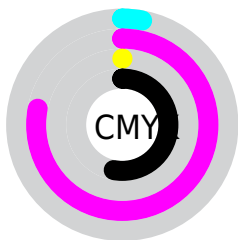
Distribution



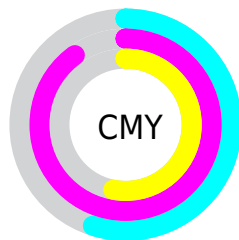
- Red (45%)
- Green (10%)
- Blue (47%)



- Red (45%)
- Yellow (10%)
- Blue (47%)



- Cyan (3%)
- Magenta (78%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731A77 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 731A77 by changing the saturation by 10% instead.

 731A77

 731A77

FFFFFF

 59005E


 AA51AC

 3F0046

 C66BC7

 29002F

 E386E3

 000119

 FFA1FF

 000000

 FFBDF7

 FFDAFF

 FFF7FF

 731A77

 731A77

■ 720E77

■ 742677

■ 720277

■ 743277

■ 720077

■ 753E77

■ 754A77

■ 765577

■ 766177

■ 776D77

■ 777977

■ 788577

Harmonies

Analogous

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



283A97



731A77



8E004B

Triad

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



731A77



584000



00566C

Complementary

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



731A77



1E771A

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.



00553D



731A77



2C4D00

Square

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



731A77



7A2A00



005307



005490

Rectangle

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



731A77



90002D



005307



00565C

Sweetspot

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



731A77



9A789C



1A1F77



4E394F



CFCFCF



4F4F4F

Same Dimension

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



731A77



95099C



771A4D



3A353B



75007A



EF00FA

Inverse Universe

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



771A1E



9C0910



1A7744



3B3535



7A0005



FA000B

Previews

White Background



This preview shows how the Hex color 731A77 looks on a white background.

Color Contrast Check

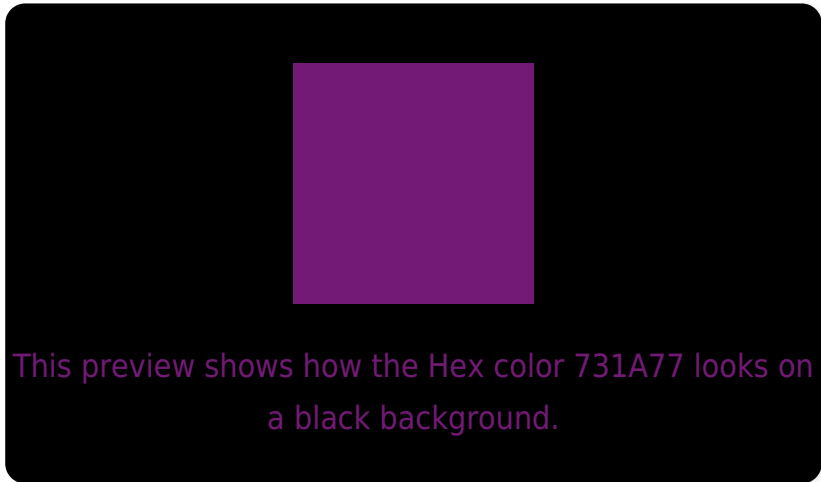
Large Text (above 18pt) WCAG AA ✓ Pass

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

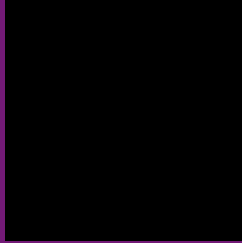
Any Text WCAG AA × Fail

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 731A77 Background



This preview shows how black text looks on a background with the Hex color 731A77.

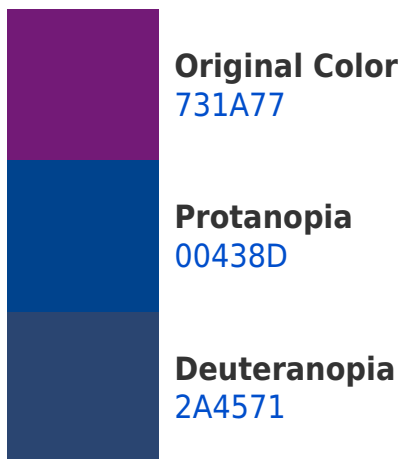


This preview shows how white text looks on a background with the Hex color 731A77.

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
6C3337

Trichromacy



Original Color

731A77



Protanomaly

2A3485



Deuteranomaly

453573



Tritanomaly

6F2A4E

Monochromacy



Original Color

731A77



Achromatopsia

3F3F3F



Achromatomaly

523253

CSS Examples

Text

The CSS property to change the color of the text to Hex 731A77 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 #731A77 looks like.

```
.text, #text, p{  
    color:#731A77  
}
```

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 #731A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731A77
}
```

Border

The CSS property to change the border of an element to Hex 731A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

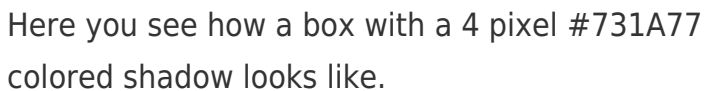
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#731A77 }
```

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

```
.border{ border-color:#731A77 }
```

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



Here you see how a box with a 4 pixel `#731A77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731A77; -webkit-box-shadow:4px 4px  
4px 4px #731A77; box-shadow:4px 4px 4px  
4px #731A77 }
```

Background

The CSS property to change the background color of an element to Hex 731A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731A77 }
```

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

```
.background{ background-color:#731A77 }
```

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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