

# Converting Colors

Hex(74316C)

Have a look what the booklet for  
Hex(74316C) contains.

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**Color**

**Hex(74316C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74316C
RGB	116, 49, 108
RGB Percent	45%, 19%, 42%
CMY	0.5451, 0.8078, 0.5765
CMYK	0.00, 0.58, 0.07, 0.55
HSL	307°, 41%, 32%
HSV	307°, 58%, 45%
XYZ	11.0075, 6.9923, 14.9569
YIQ	75.7590, 20.9930, 32.5530

# Conversions

## Conversions Part 2

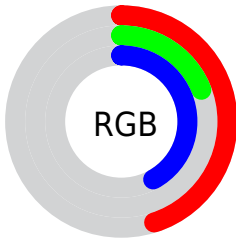
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 49, 108
Decimal	7614828
CIE <sub>Lab</sub>	31.79, 37.73, -20.80
CIE <sub>LCh</sub>	32, 43.082, 331.133
Yxy	6.9923, 0.3340, 0.2122
Android (android.graphics.Color)	4285804908 (0xFF74316C)
YUV	75.7590, 15.8948, 35.2914
Hunter-Lab	26.4430, 28.0296, -15.0258

# Details

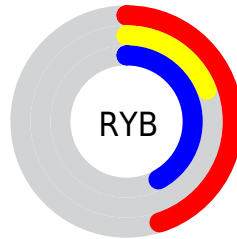
The Hex color **74316C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **317439**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AA63A0**, and **41003C** is the 20% darker color. If you saturate the color by 10%, you get **74256B**, and if you desaturate by 10%, it is **743D6D**.

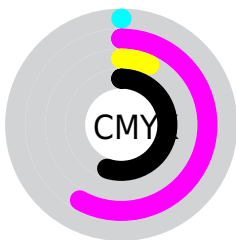
# Distribution



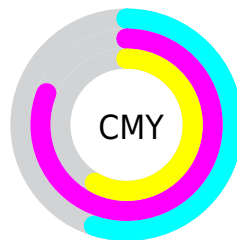
- Red (45%)
- Green (19%)
- Blue (42%)



- Red (45%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (7%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74316C 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 74316C by changing the saturation by 10% instead.



■ 74316C

■ 74316C

FFFFFF

■ 5A1854

■ AA63A0

■ 41003C

■ C67DBB

■ 2B0027

■ E297D7

■ 00000F

■ FFB3F3

■ 000000

■ FFCFFF

■ FFEFFF

■ 74316C

■ 74316C

■ 74256B

■ 743D6D

741A69

74486F

740E68

745470

740366

745F72

740066

746B73

747774

748276

748E77

749978

# Harmonies

## Analogous

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



4B4185



74316C



85274B

# Triad

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



74316C



5A4A00



005A6D

# Complementary

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



74316C



317439

# 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.



005A4B



74316C



385306

# Square

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



74316C



743C0B



005828



005686

# Rectangle

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



74316C



862A35



005828



005A62



# Sweetspot

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



74316C



967D93



393174



4D3D4B



CCCCCC



4D4D4D



# Same Dimension

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



74316C



962F8A



74314B



3B353A



7A006C



FA00DC



# Inverse Universe

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



74316C



962F8A



31745A



3B353A



7A006C

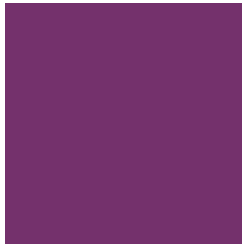


FA00DC



# Previews

## White Background



This preview shows how the Hex color 74316C looks on a white background.

## Color Contrast Check

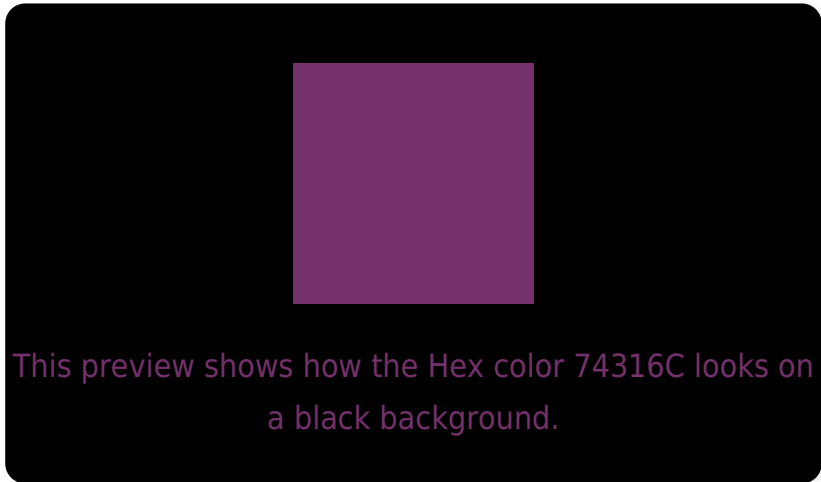
Large Text (above 18pt) WCAG AA ✓ Pass

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

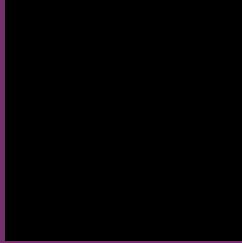
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74316C Background



This preview shows how black text looks on a background with the Hex color 74316C.



This preview shows how white text looks on a background with the Hex color 74316C.

# 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**  
6F3C41

# Trichromacy



**Original Color**  
74316C

**Protanomaly**  
4B4179

**Deuteranomaly**  
554269

**Tritanomaly**  
713851

# Monochromacy



**Original Color**  
74316C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5B4258

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74316C 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 #74316C looks like.

```
.text, #text, p{  
    color:#74316C  
}
```

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 #74316C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74316C
}
```

## Border

The CSS property to change the border of an element to Hex 74316C is called "border". The border property can be set on classes, ids or directly on the HTML element.

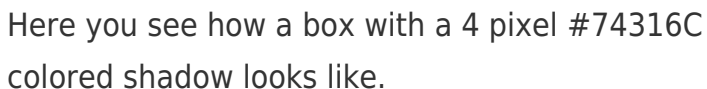
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74316C }
```

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

```
.border{ border-color:#74316C }
```

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



Here you see how a box with a 4 pixel #74316C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74316C; -webkit-box-shadow:4px 4px  
4px 4px #74316C; box-shadow:4px 4px 4px  
4px #74316C }
```

# Background

The CSS property to change the background color of an element to Hex 74316C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74316C }
```

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

```
.background{ background-color:#74316C }
```

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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