

# Converting Colors

Hex(734476)

Have a look what the booklet for  
Hex(734476) contains.

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# Color

**Hex(734476)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 734476                    |
| RGB           | 115, 68, 118              |
| RGB Percent   | 45%, 27%, 46%             |
| CMY           | 0.5490, 0.7333, 0.5373    |
| CMYK          | 0.03, 0.42, 0.00, 0.54    |
| HSL           | 296°, 27%, 36%            |
| HSV           | 296°, 42%, 46%            |
| XYZ           | 12.4074, 9.0871, 18.2396  |
| YIQ           | 87.7530, 11.9620, 25.5140 |

# Conversions

## Conversions Part 2

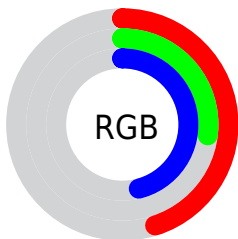
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 115, 68, 118                  |
| Decimal                             | 7554166                       |
| CIE Lab                             | 36.15, 28.85, -20.33          |
| CIE LCh                             | 36, 35.295, 324.821           |
| Yxy                                 | 9.0871, 0.3123,<br>0.2287     |
| Android<br>(android.graphics.Color) | 4285744246<br>(0xFF734476)    |
| YUV                                 | 87.7530, 14.9118,<br>23.8956  |
| Hunter-Lab                          | 30.1448, 20.7158,<br>-14.7730 |

# Details

The Hex color **734476** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477644**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A875AA**, and **411645** is the 20% darker color. If you saturate the color by 10%, you get **723876**, and if you desaturate by 10%, it is **745076**.

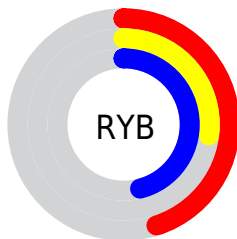
# Distribution



Red (45%)

Green (27%)

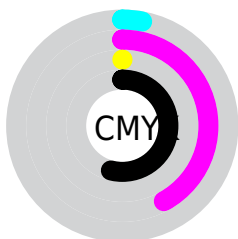
Blue (46%)



Red (45%)

Yellow (27%)

Blue (46%)

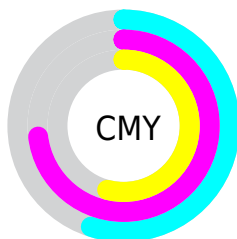


Cyan (3%)

Magenta (42%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (73%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734476 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 734476 by changing the saturation by 10% instead.



734476

734476

FFFFFF

5A2D5D

A875AA

411645

C48FC6

2A002F

E0AAE2

0F001A

FDC6FE

000000

FFE2FF

734476

734476

723876

745076

722C76

745C76

712176

756776

701576

767376

6F0976

777F76

6F0076

778B76

789776

79A276

79AE76

# Harmonies

## Analogous

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



4E5089



734476



863C5B

# Triad

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



734476



69521A



00636C

# Complementary

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



734476



477644

# 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.



00634F



734476



4E5A1E

# Square

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



734476



7E4727



2A6033



006083

# Rectangle

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



734476



893C48



2A6033



006363



# Sweetspot

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



734476



988599



444776



4C404D



CCCCCC



4D4D4D



# Same Dimension

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



734476



944B99



764460



3A353B



73007A



EB00FA



# Inverse Universe

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



764447



994B50



44765A



3B3535



7A0007

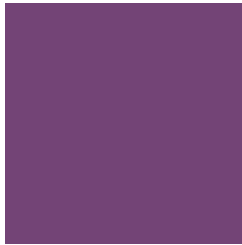


FA000F



# Previews

## White Background



This preview shows how the Hex color 734476 looks on a white background.

## Color Contrast Check

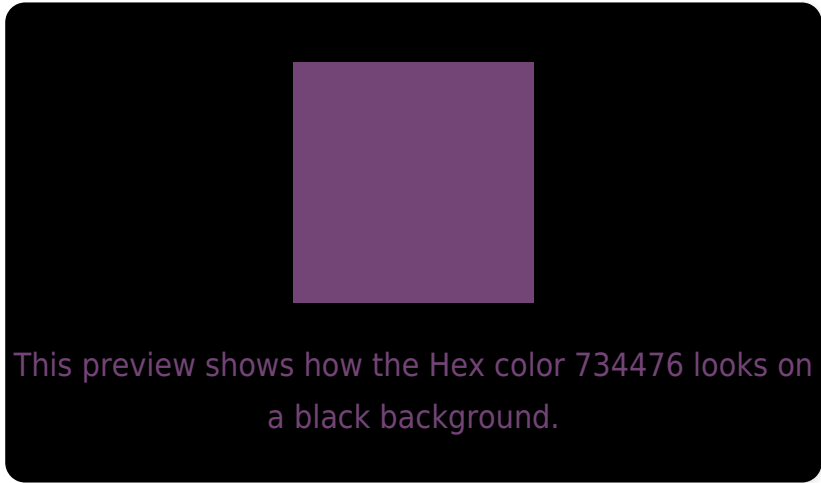
Large Text (above 18pt) WCAG AA ✓ Pass

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

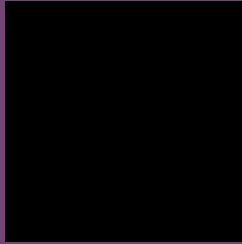
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734476 Background



This preview shows how black text looks on a background with the Hex color 734476.



This preview shows how white text looks on a background with the Hex color 734476.

# 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**  
734476

**Protanopia**  
455483

**Deuteranopia**  
4D5473



**Tritanopia**  
6E4C52

# Trichromacy



**Original Color**

734476

**Protanomaly**

564E7E

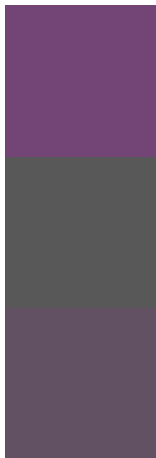
**Deuteranomaly**

5B4E74

**Tritanomaly**

70495F

# Monochromacy



**Original Color**

734476

**Achromatopsia**

585858

**Achromatomaly**

625163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734476 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 #734476 looks like.

```
.text, #text, p{  
    color:#734476  
}
```

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 #734476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734476
}
```

## Border

The CSS property to change the border of an element to Hex 734476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

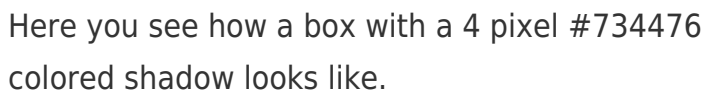
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734476 }
```

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

```
.border{ border-color:#734476 }
```

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



Here you see how a box with a 4 pixel #734476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734476; -webkit-box-shadow:4px 4px  
4px 4px #734476; box-shadow:4px 4px 4px  
4px #734476 }
```

# Background

The CSS property to change the background color of an element to Hex 734476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734476 }
```

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

```
.background{ background-color:#734476 }
```

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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