

# Converting Colors

Hex(723476)

Have a look what the booklet for  
Hex(723476) contains.

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# Color

**Hex(723476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	723476
RGB	114, 52, 118
RGB Percent	45%, 20%, 46%
CMY	0.5529, 0.7961, 0.5373
CMYK	0.03, 0.56, 0.00, 0.54
HSL	296°, 39%, 33%
HSV	296°, 56%, 46%
XYZ	11.4374, 7.3414, 17.9538
YIQ	78.0620, 15.7660, 33.6700

# Conversions

## Conversions Part 2

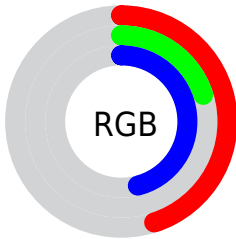
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 52, 118
Decimal	7484534
CIE <sub>Lab</sub>	32.57, 37.49, -25.93
CIE <sub>LCh</sub>	33, 45.581, 325.332
Yxy	7.3414, 0.3114, 0.1999
Android (android.graphics.Color)	4285674614 (0xFF723476)
YUV	78.0620, 19.6894, 31.5176
Hunter-Lab	27.0950, 27.9327, -20.3204

# Details

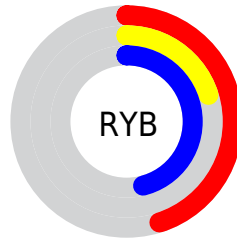
The Hex color **723476** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **387634**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A866AA**, and **3F0045** is the 20% darker color. If you saturate the color by 10%, you get **712876**, and if you desaturate by 10%, it is **734076**.

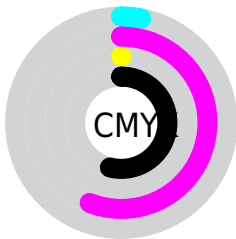
# Distribution



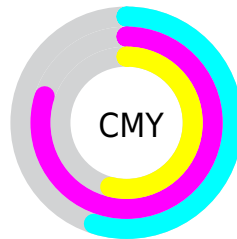
- Red (45%)
- Green (20%)
- Blue (46%)



- Red (45%)
- Yellow (20%)
- Blue (46%)



- Cyan (3%)
- Magenta (56%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (80%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 723476 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 723476 by changing the saturation by 10% instead.



723476

723476

FFFFFF

581B5D

A866AA

3F0045

C380C6

29002F

E09AE2

000019

FDB6FF

000000

FFD2FF

FFEEFF

723476

723476

712876

734076

711C76

734C76

701176

745776

6F0576

756376

6F0076

766F76

767B76

778776

789276

789E76

# Harmonies

## Analogous

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



3F468E



723476



892654

# Triad

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



723476



624900



005D6A

# Complementary

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



723476



387634

# 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.



005C46



723476



405400

# Square

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



723476



7C3A0F



005A21



005A87

# Rectangle

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



723476



8C273C



005A21



005D5F



# Sweetspot

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



723476



977F99



343876



4C3D4D



CCCCCC



4D4D4D



# Same Dimension

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



723476



933299



763459



3A353B



73007A



EB00FA



# Inverse Universe

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



763438



993239



347651



3B3535



7A0007



FA000F



# Previews

## White Background



This preview shows how the Hex color 723476 looks on a white background.

## Color Contrast Check

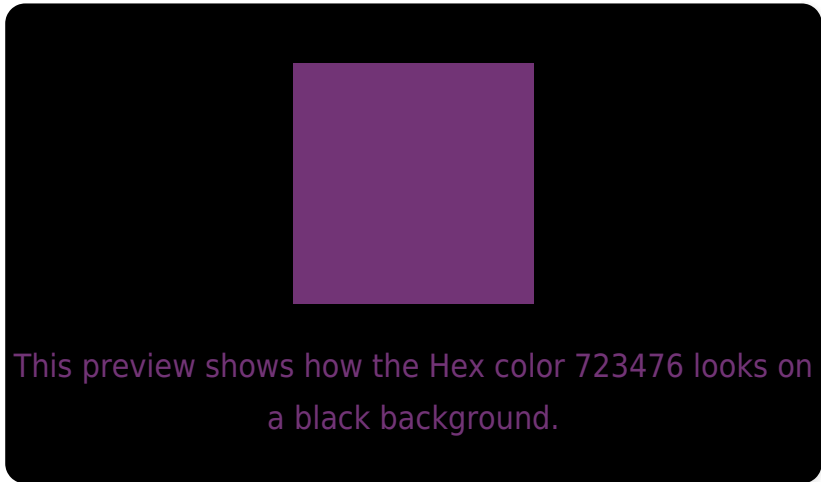
Large Text (above 18pt) WCAG AA ✓ Pass

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

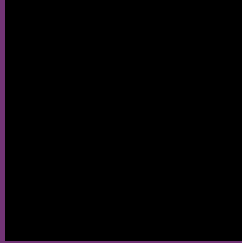
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 723476 Background



This preview shows how black text looks on a background with the Hex color 723476.




This preview shows how white text looks on a background with the Hex color 723476.

# 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**  
6C4146

# Trichromacy



**Original Color**  
723476

**Protanomaly**  
474383

**Deuteranomaly**  
514473

**Tritanomaly**  
6E3C57

# Monochromacy



**Original Color**  
723476

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5B455D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 723476 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 #723476 looks like.

```
.text, #text, p{  
    color:#723476  
}
```

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 #723476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723476
}
```

## Border

The CSS property to change the border of an element to Hex 723476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

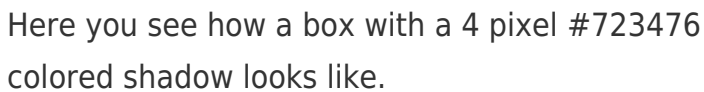
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#723476 }
```

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

```
.border{ border-color:#723476 }
```

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



Here you see how a box with a 4 pixel #723476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723476; -webkit-box-shadow:4px 4px  
4px 4px #723476; box-shadow:4px 4px 4px  
4px #723476 }
```

# Background

The CSS property to change the background color of an element to Hex 723476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723476 }
```

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

```
.background{ background-color:#723476 }
```

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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