

# Converting Colors

Hex(735379)

Have a look what the booklet for  
Hex(735379) contains.

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# Color

**Hex(735379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735379
RGB	115, 83, 121
RGB Percent	45%, 33%, 47%
CMY	0.5490, 0.6745, 0.5255
CMYK	0.05, 0.31, 0.00, 0.53
HSL	291°, 19%, 40%
HSV	291°, 31%, 47%
XYZ	13.6147, 11.2118, 19.5357
YIQ	96.9000, 6.8740, 18.6020

# Conversions

## Conversions Part 2

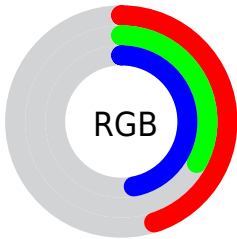
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 83, 121
Decimal	7558009
CIE <sub>Lab</sub>	39.93, 20.51, -16.36
CIE <sub>LCh</sub>	40, 26.241, 321.422
Yxy	11.2118, 0.3069, 0.2527
Android (android.graphics.Color)	4285748089 (0xFF735379)
YUV	96.9000, 11.8813, 15.8737
Hunter-Lab	33.4841, 13.9813, -11.1529

# Details

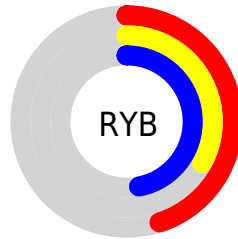
The Hex color **735379** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **597953**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A785AD**, and **422548** is the 20% darker color. If you saturate the color by 10%, you get **714779**, and if you desaturate by 10%, it is **755F79**.

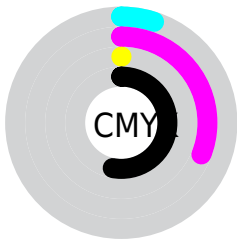
# Distribution



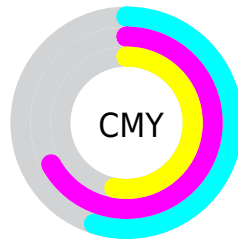
- Red (45%)
- Green (33%)
- Blue (47%)



- Red (45%)
- Yellow (33%)
- Blue (47%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (67%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735379 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 735379 by changing the saturation by 10% instead.



 735379

 735379

FFFFFF

 5A3C60

 A785AD

 422548

 C39FC9

 2B1032

 DFBAE5

 1A001D

 FCD6FF

 000000

 FFF3FF

 735379

 735379

 714779

 755F79

 6F3B79

 776B79

6D2F79

797779

6B2379

7B8379

691679

7D9079

680A79

7E9C79

660079

80A879

82B479

84C079

# Harmonies

## Analogous

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



575B86



735379



834E65

# Triad

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



735379



715B34



00696D

# Complementary

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



735379



597953

# 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.



266957



735379



5C6235

# Square

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



735379



81533D



446643



00677F

# Rectangle

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



735379



874D57



446643



096966



# Sweetspot

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



735379



9C909E



535979



4E464F



CFCFCF



4F4F4F



# Same Dimension

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



735379



95629E



79536C



3C373D



69007D



D500FC



# Inverse Universe

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



795359



9E626C



537960



3D3738



7D0014

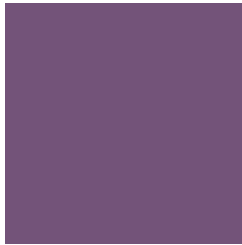


FC0028



# Previews

## White Background



This preview shows how the Hex color 735379 looks on a white background.

## Color Contrast Check

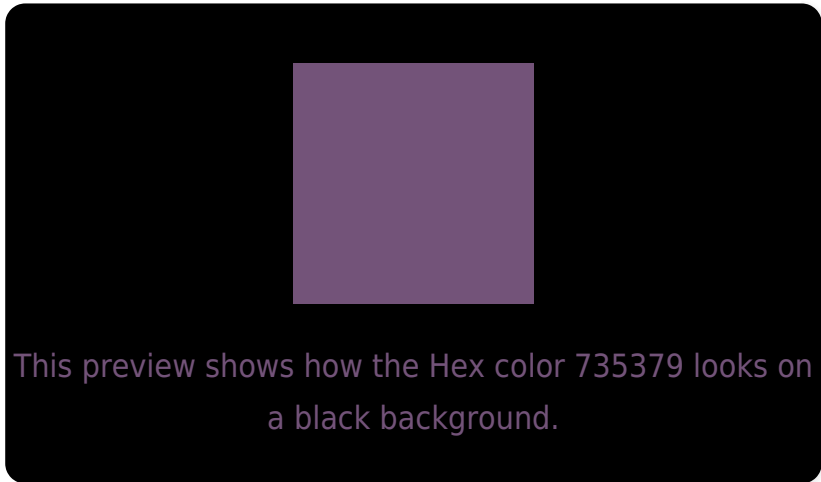
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

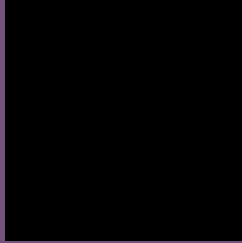
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735379 Background



This preview shows how black text looks on a background with the Hex color 735379.




This preview shows how white text looks on a background with the Hex color 735379.

# 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**  
6F585F

# Trichromacy



**Original Color**  
735379

**Protanomaly**  
5F597E

**Deuteranomaly**  
645978

**Tritanomaly**  
705668

# Monochromacy



**Original Color**  
735379

**Achromatopsia**  
616161

**Achromatomaly**  
685C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735379 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 #735379 looks like.

```
.text, #text, p{  
    color:#735379  
}
```

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 #735379 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735379
}
```

## Border

The CSS property to change the border of an element to Hex 735379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

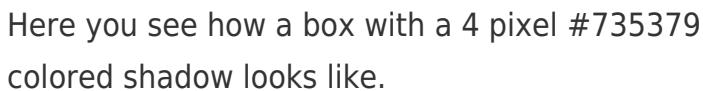
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735379 }
```

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

```
.border{ border-color:#735379 }
```

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



Here you see how a box with a 4 pixel #735379 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735379; -webkit-box-shadow:4px 4px  
4px 4px #735379; box-shadow:4px 4px 4px  
4px #735379 }
```

# Background

The CSS property to change the background color of an element to Hex 735379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735379 }
```

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

```
.background{ background-color:#735379 }
```

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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