

# Converting Colors

Hex(735C98)

Have a look what the booklet for  
Hex(735C98) contains.

<b>Hex(735C98)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(735C98)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735C98
RGB	115, 92, 152
RGB Percent	45%, 36%, 60%
CMY	0.5490, 0.6392, 0.4039
CMYK	0.24, 0.39, 0.00, 0.40
HSL	263°, 25%, 48%
HSV	263°, 39%, 60%
XYZ	16.5649, 13.5661, 31.4512
YIQ	105.7170, -5.5520, 23.5360

# Conversions

## Conversions Part 2

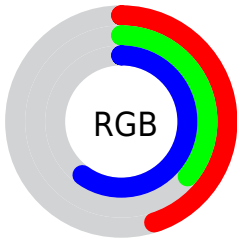
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 92, 152
Decimal	7560344
CIE <sub>Lab</sub>	43.60, 22.37, -29.44
CIE <sub>LCh</sub>	44, 36.978, 307.233
Yxy	13.5661, 0.2690, 0.2203
Android (android.graphics.Color)	4285750424 (0xFF735C98)
YUV	105.7170, 22.8175, 8.1412
Hunter-Lab	36.8322, 15.8219, -24.8455

# Details

The Hex color **735C98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **81985C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A88FCF**, and **412E65** is the 20% darker color. If you saturate the color by 10%, you get **6A4D98**, and if you desaturate by 10%, it is **7C6B98**.

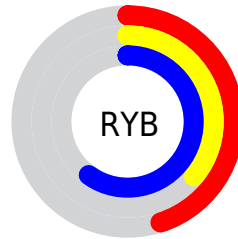
# Distribution



Red (45%)

Green (36%)

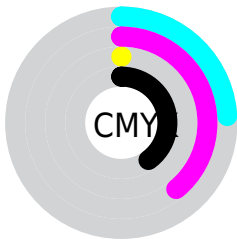
Blue (60%)



Red (45%)

Yellow (36%)

Blue (60%)

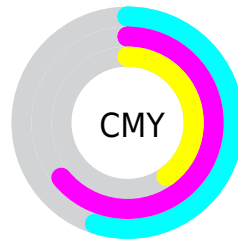


Cyan (24%)

Magenta (39%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (64%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735C98 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 735C98 by changing the saturation by 10% instead.



 735C98

 735C98

FFFFFF

 5A447E

 A88FCF

 412E65

 C4A9EB

 29184C

 E0C4FF

 140035

 FDE0FF

 00021F

 FFFDFD

 000003

 000000

 735C98

 735C98

 6A4D98

 7C6B98

603E98

867A98

572E98

8F8A98

4E1F98

989998

441098

A2A898

3B0198

ABB798

3A0098

B5C698

BED698

C7E598

# Harmonies

## Analogous

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



3E68A4



735C98



93517F

# Triad

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



735C98



8C5D2E



00766E

# Complementary

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



735C98



81985C

# 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.



23754E



735C98



726827

# Square

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



735C98



9C5244



517034



00758B

# Rectangle

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



735C98



9D4D6B



517034



007663



# Sweetspot

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



735C98



B6ADC4



5C8198



5B5663



E3E3E3



636363



# Same Dimension

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



735C98



8B68C4



915C98



48454D



36008C



05000D



# Inverse Universe

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



985C81



C468A1



63985C



4D454A



8C0056

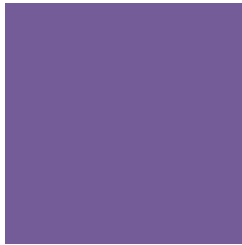


0D0008



# Previews

## White Background



This preview shows how the Hex color 735C98 looks on a white background.

## Color Contrast Check

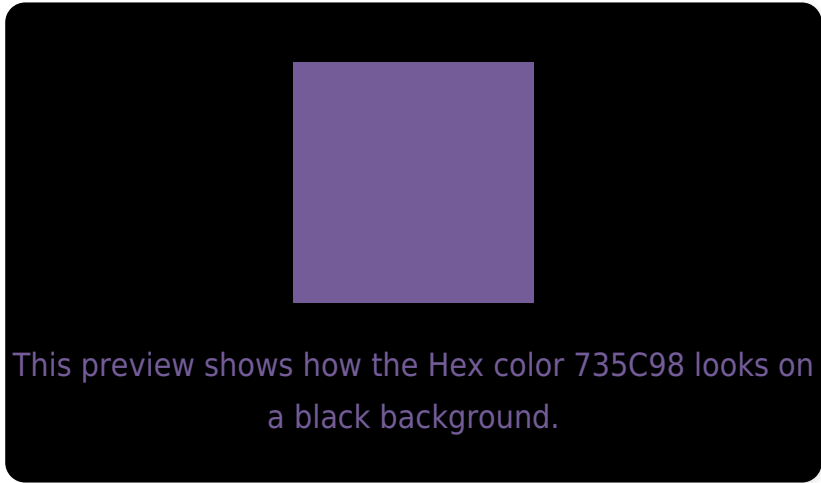
Large Text (above 18pt) WCAG AA ✓ Pass

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

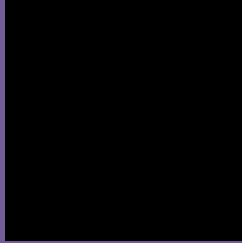
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735C98 Background



This preview shows how black text looks on a background with the Hex color 735C98.

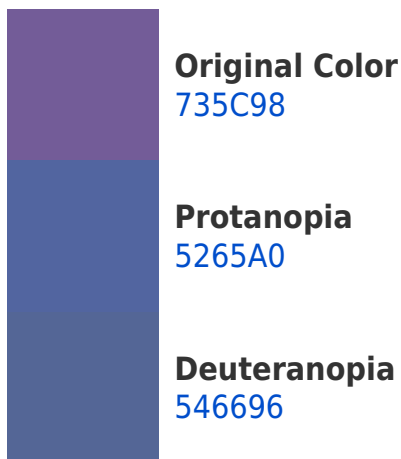



This preview shows how white text looks on a background with the Hex color 735C98.

# 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**  
6B656D

# Trichromacy



**Original Color**  
735C98

**Protanomaly**  
5E629D

**Deuteranomaly**  
5F6297

**Tritanomaly**  
6E627D

# Monochromacy



**Original Color**  
735C98

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6D657B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735C98 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 #735C98 looks like.

```
.text, #text, p{  
    color:#735C98  
}
```

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 #735C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735C98  
}
```

## Border

The CSS property to change the border of an element to Hex 735C98 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  
#735C98 }
```

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

```
.border{ border-color:#735C98 }
```

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

Here you see how a box with a 4 pixel #735C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735C98; -webkit-box-shadow:4px 4px  
4px 4px #735C98; box-shadow:4px 4px 4px  
4px #735C98 }
```

# Background

The CSS property to change the background color of an element to Hex 735C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735C98 }
```

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

```
.background{ background-color:#735C98 }
```

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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