

# Converting Colors

Hex(735B98)

Have a look what the booklet for  
Hex(735B98) contains.

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# Color

**Hex(735B98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735B98
RGB	115, 91, 152
RGB Percent	45%, 36%, 60%
CMY	0.5490, 0.6431, 0.4039
CMYK	0.24, 0.40, 0.00, 0.40
HSL	264°, 25%, 48%
HSV	264°, 40%, 60%
XYZ	16.4788, 13.3940, 31.4225
YIQ	105.1300, -5.2770, 24.0590

# Conversions

## Conversions Part 2

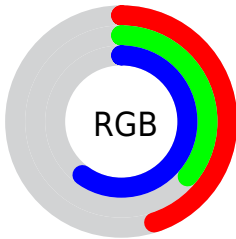
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 91, 152
Decimal	7560088
CIE <sub>Lab</sub>	43.35, 22.98, -29.84
CIE <sub>LCh</sub>	43, 37.662, 307.603
Yxy	13.3940, 0.2688, 0.2185
Android (android.graphics.Color)	4285750168 (0xFF735B98)
YUV	105.1300, 23.1069, 8.6560
Hunter-Lab	36.5978, 16.3266, -25.2873

# Details

The Hex color **735B98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **80985B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A88DCF**, and **412D65** is the 20% darker color. If you saturate the color by 10%, you get **6A4C98**, and if you desaturate by 10%, it is **7C6A98**.

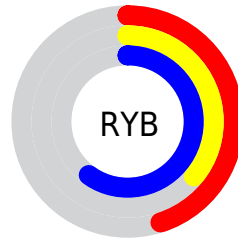
# Distribution



Red (45%)

Green (36%)

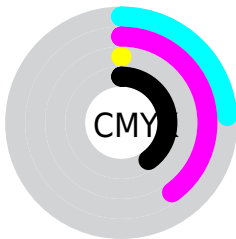
Blue (60%)



Red (45%)

Yellow (36%)

Blue (60%)

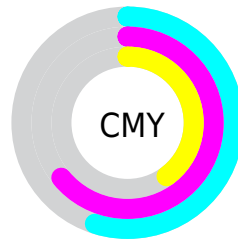


Cyan (24%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (64%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735B98 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 735B98 by changing the saturation by 10% instead.



■ 735B98

■ 735B98

FFFFFF

■ 5A437E

■ A88DCF

■ 412D65

■ C4A8EB

■ 29174C

■ E0C3FF

■ 140035

■ FDDFFF

■ 00021F

■ FFFCFF

■ 000003

■ 000000

■ 735B98

■ 735B98

■ 6A4C98

■ 7C6A98

613D98

857998

572D98

8F8998

4E1E98

989898

450F98

A1A798

3C0098

AAB698

B4C598

BDD598

C6E498

# Harmonies

## Analogous

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



3D67A4



735B98



93507F

# Triad

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



735B98



8B5C2C



00766E

# Complementary

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



735B98



80985B

# 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.



1F744E



735B98



716725

# Square

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



735B98



9C5142



506F33



00758C

# Rectangle

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



735B98



9E4C6A



506F33



007663



# Sweetspot

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



735B98



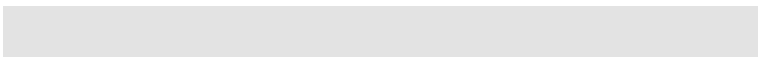
B6ADC4



5B8198



5B5663



E3E3E3



636363



# Same Dimension

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



735B98



8B66C4



915B98



48454D



37008C



05000D



# Inverse Universe

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



985B80



C4669F



62985B



4D4549



8C0055

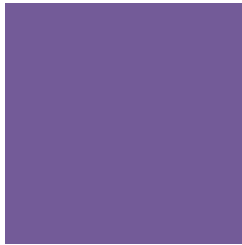


0D0008



# Previews

## White Background



This preview shows how the Hex color 735B98 looks on a white background.

## Color Contrast Check

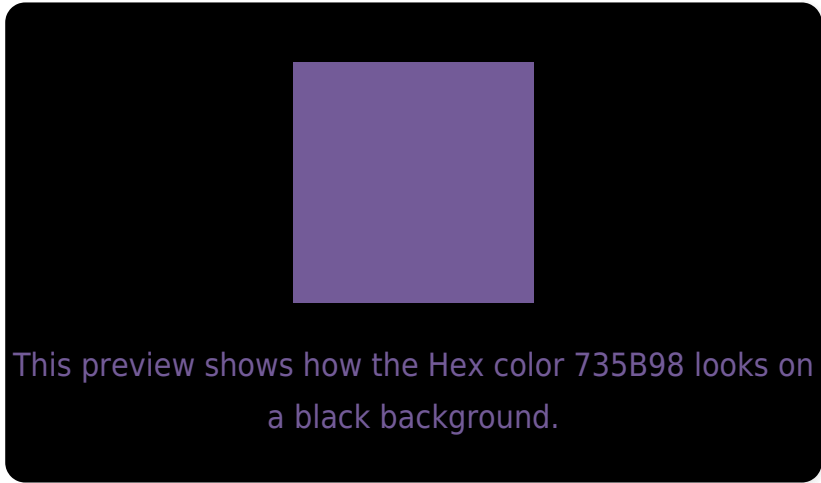
Large Text (above 18pt) WCAG AA ✓ Pass

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

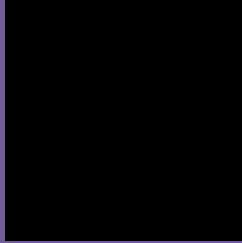
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735B98 Background



This preview shows how black text looks on a background with the Hex color 735B98.

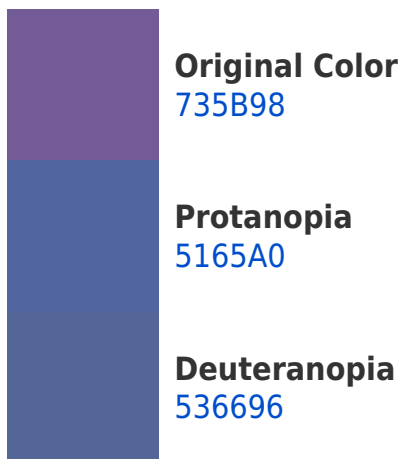



This preview shows how white text looks on a background with the Hex color 735B98.

# 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**  
6B646C

# Trichromacy



**Original Color**  
735B98

**Protanomaly**  
5D619D

**Deuteranomaly**  
5F6297

**Tritanomaly**  
6E617C

# Monochromacy



**Original Color**  
735B98

**Achromatopsia**  
696969

**Achromatomaly**  
6D647A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735B98 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 #735B98 looks like.

```
.text, #text, p{  
    color:#735B98  
}
```

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 #735B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735B98
}
```

## Border

The CSS property to change the border of an element to Hex 735B98 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
#735B98 }
```

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

```
.border{ border-color:#735B98 }
```

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

Here you see how a box with a 4 pixel #735B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735B98; -webkit-box-shadow:4px 4px  
4px 4px #735B98; box-shadow:4px 4px 4px  
4px #735B98 }
```

# Background

The CSS property to change the background color of an element to Hex 735B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735B98 }
```

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

```
.background{ background-color:#735B98 }
```

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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