

# Converting Colors

Hex(735D9B)

Have a look what the booklet for  
Hex(735D9B) contains.

<b>Hex(735D9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(735D9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	735D9B
RGB	115, 93, 155
RGB Percent	45%, 36%, 61%
CMY	0.5490, 0.6353, 0.3922
CMYK	0.26, 0.40, 0.00, 0.39
HSL	261°, 25%, 49%
HSV	261°, 40%, 61%
XYZ	16.9010, 13.8401, 32.7910
YIQ	106.6460, -6.7900, 23.9460

# Conversions

## Conversions Part 2

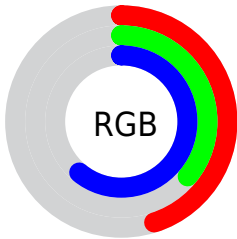
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 93, 155
Decimal	7560603
CIE <sub>Lab</sub>	44.00, 22.53, -30.61
CIE <sub>LCh</sub>	44, 38.005, 306.361
Yxy	13.8401, 0.2660, 0.2178
Android (android.graphics.Color)	4285750683 (0xFF735D9B)
YUV	106.6460, 23.8385, 7.3265
Hunter-Lab	37.2023, 15.9885, -26.2180

# Details

The Hex color **735D9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **859B5D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A890D2**, and **412F67** is the 20% darker color. If you saturate the color by 10%, you get **694E9B**, and if you desaturate by 10%, it is **7D6C9B**.

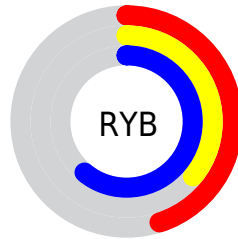
# Distribution



Red (45%)

Green (36%)

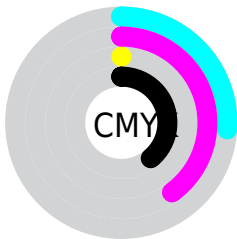
Blue (61%)



Red (45%)

Yellow (36%)

Blue (61%)

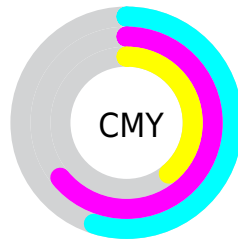


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (39%)



Cyan (55%)

Magenta (64%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735D9B 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 735D9B by changing the saturation by 10% instead.



735D9B

735D9B

FFFFFF

5A4581

A890D2

412F67

C4AAEE

29194F

E0C6FF

120138

FDE2FF

000222

FFFEFF

000007

000000

735D9B

735D9B

694E9B

7D6C9B

■ 5F3E9B

■ 877C9B

■ 552F9B

■ 918B9B

■ 4B1F9B

■ 9B9B9B

■ 410F9B

■ A5AB9B

■ 37009B

■ AFBA9B

■ B9CA9B

■ C3D99B

■ CDE89B

# Harmonies

## Analogous

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



3B69A7



735D9B



945182

# Triad

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



735D9B



8E5D2E



00786E

# Complementary

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



735D9B



859B5D

# 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.



23764E



735D9B



746926

# Square

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



735D9B



9F5244



527133



00778D

# Rectangle

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



735D9B



A04D6D



527133



007863



# Sweetspot

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



735D9B



BAB1C9



5D859B



5D5866



E6E6E6



666666



# Same Dimension

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



735D9B



8B69C9



925D9B



48454D



32008C



05000D



# Inverse Universe

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



9B5D85



C969A7



669B5D



4D454A



8C005A

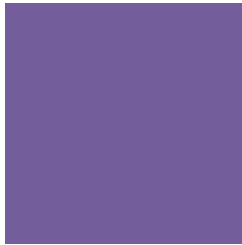


0D0008



# Previews

## White Background



This preview shows how the Hex color 735D9B looks on a white background.

## Color Contrast Check

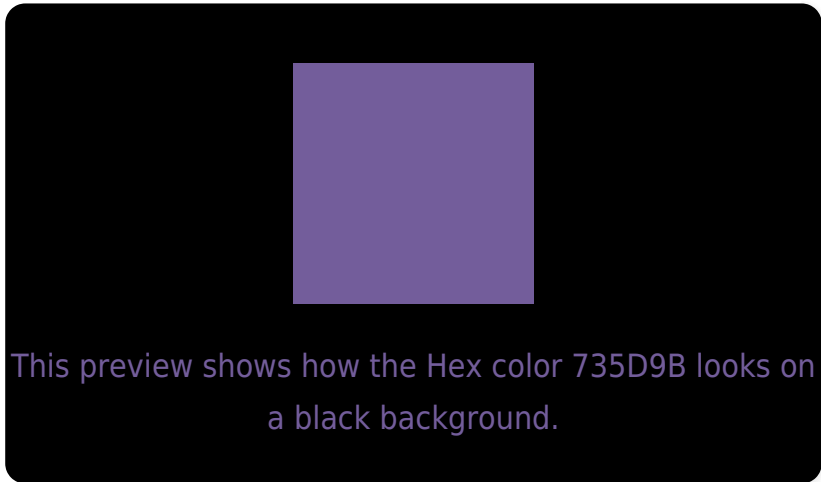
Large Text (above 18pt) WCAG AA ✓ Pass

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

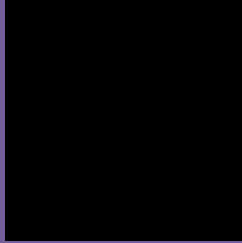
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735D9B Background



This preview shows how black text looks on a background with the Hex color 735D9B.




This preview shows how white text looks on a background with the Hex color 735D9B.

# 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**  
6B666F

# Trichromacy



**Original Color**  
735D9B

**Protanomaly**  
5E63A0

**Deuteranomaly**  
5F639A

**Tritanomaly**  
6E637F

# Monochromacy



**Original Color**  
735D9B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E667C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735D9B 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 #735D9B looks like.

```
.text, #text, p{  
    color:#735D9B  
}
```

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 #735D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735D9B
}
```

## Border

The CSS property to change the border of an element to Hex 735D9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

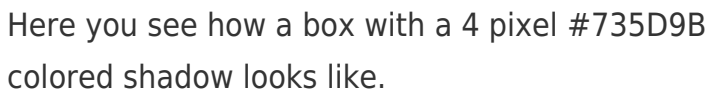
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735D9B }
```

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

```
.border{ border-color:#735D9B }
```

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



Here you see how a box with a 4 pixel #735D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735D9B; -webkit-box-shadow:4px 4px  
4px 4px #735D9B; box-shadow:4px 4px 4px  
4px #735D9B }
```

# Background

The CSS property to change the background color of an element to Hex 735D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735D9B }
```

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

```
.background{ background-color:#735D9B }
```

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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