

Converting Colors

Hex(735899)

Have a look what the booklet for
Hex(735899) contains.

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Color

Hex(735899)

Conversions

Conversions Part 1

Format	Color
Hex	735899
RGB	115, 88, 153
RGB Percent	45%, 35%, 60%
CMY	0.5490, 0.6549, 0.4000
CMYK	0.25, 0.42, 0.00, 0.40
HSL	265°, 27%, 47%
HSV	265°, 42%, 60%
XYZ	16.3097, 12.9242, 31.7720
YIQ	103.4830, -4.7730, 25.9390

Conversions

Conversions Part 2

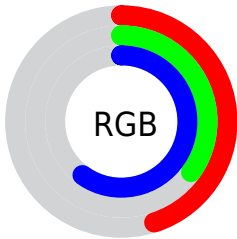
Format	Color
R_{YB}	115, 88, 153
Decimal	7559321
CIE _{Lab}	42.65, 25.05, -31.54
CIE _{LCh}	43, 40.275, 308.461
Yxy	12.9242, 0.2673, 0.2119
Android (android.graphics.Color)	4285749401 (0xFF735899)
YUV	103.4830, 24.4119, 10.1004
Hunter-Lab	35.9502, 18.0681, -27.2340

Details

The Hex color **735899** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E9958**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A88AD0**, and **412A66** is the 20% darker color. If you saturate the color by 10%, you get **6A4999**, and if you desaturate by 10%, it is **7C6799**.

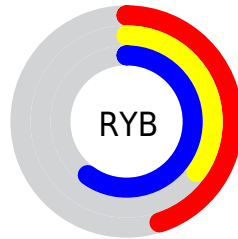
Distribution



Red (45%)

Green (35%)

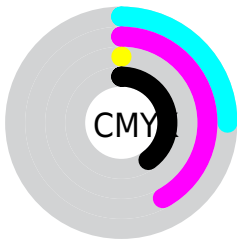
Blue (60%)



Red (45%)

Yellow (35%)

Blue (60%)

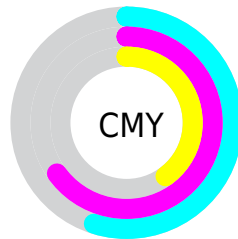


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (65%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735899 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 735899 by changing the saturation by 10% instead.

735899

735899

FFFFFF

59407F

A88AD0

412A66

C4A5EC

28144D

E0C0FF

140036

FDDCFF

000220

FFF9FF

000004

000000

735899

735899

6A4999

7C6799

613999

857799

582A99

8E8699

4F1B99

979599

460B99

A0A499

400099

A9B499

B2C399

BBD299

C4E299

Harmonies

Analogous

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



3765A6



735899



944B7E

Triad

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



735899



8A5A25



00756D

Complementary

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



735899



7E9958

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.



0C734B



735899



6E661E

Square

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



735899



9D4E3D



4B6E2E



00748D

Rectangle

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



735899



9F4768



4B6E2E



007562

Sweetspot

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



735899



B8ADC7



587F99



5A5463



E3E3E3



636363

Same Dimension

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



735899



8C61C7



935899



48454D



3A008C



05000D

Inverse Universe

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



99587E



C7619D



5F9958



4D4549



8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 735899 looks on a white background.

Color Contrast Check

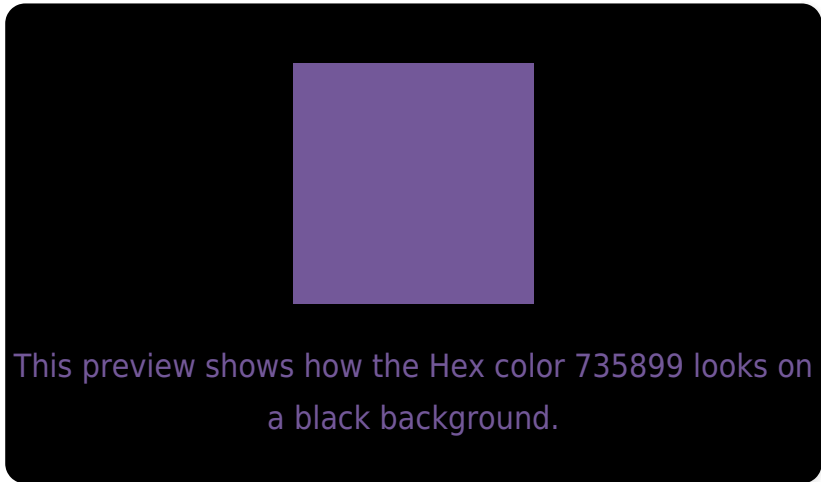
Large Text (above 18pt) WCAG AA ✓ Pass

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

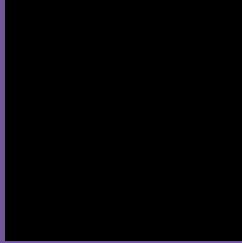
Any Text WCAG AA × Fail

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 735899 Background



This preview shows how black text looks on a background with the Hex color 735899.

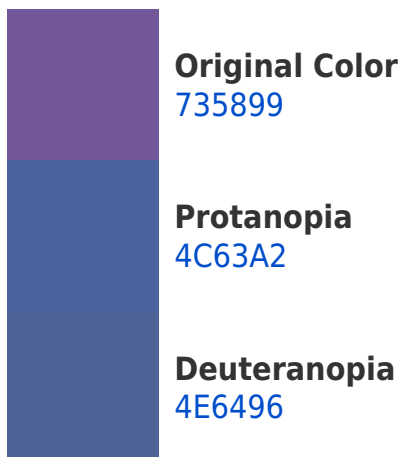


This preview shows how white text looks on a background with the Hex color 735899.

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
6B626A

Trichromacy



Original Color
735899

Protanomaly
5A5F9F

Deuteranomaly
5B6097

Tritanomaly
6E5E7B

Monochromacy



Original Color
735899

Achromatopsia
676767

Achromatomaly
6B6279

CSS Examples

Text

The CSS property to change the color of the text to Hex 735899 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 #735899 looks like.

```
.text, #text, p{  
    color:#735899  
}
```

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 #735899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735899
}
```

Border

The CSS property to change the border of an element to Hex 735899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

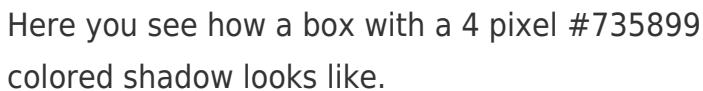
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735899 }
```

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

```
.border{ border-color:#735899 }
```

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



Here you see how a box with a 4 pixel #735899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735899; -webkit-box-shadow:4px 4px  
4px 4px #735899; box-shadow:4px 4px 4px  
4px #735899 }
```

Background

The CSS property to change the background color of an element to Hex 735899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735899 }
```

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

```
.background{ background-color:#735899 }
```

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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