

Converting Colors

Hex(75709E)

Have a look what the booklet for
Hex(75709E) contains.

Hex(75709E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75709E)

Conversions

Conversions Part 1

Format	Color
Hex	75709E
RGB	117, 112, 158
RGB Percent	46%, 44%, 62%
CMY	0.5412, 0.5608, 0.3804
CMYK	0.26, 0.29, 0.00, 0.38
HSL	247°, 19%, 53%
HSV	247°, 29%, 62%
XYZ	19.3018, 17.8389, 34.7737
YIQ	118.7390, -11.7860, 15.3660

Conversions

Conversions Part 2

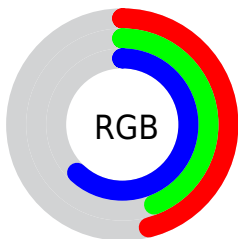
Format	Color
RYB	117, 112, 158
Decimal	7696542
CIELab	49.30, 12.43, -24.12
CIELCh	49, 27.135, 297.258
Yxy	17.8389, 0.2684, 0.2481
Android (android.graphics.Color)	4285886622 (0xFF75709E)
YUV	118.7390, 19.3557, -1.5251
Hunter-Lab	42.2361, 7.6611, -19.2492

Details

The Hex color **75709E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **999E70**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AAA4D5**, and **43406A** is the 20% darker color. If you saturate the color by 10%, you get **67609E**, and if you desaturate by 10%, it is **83809E**.

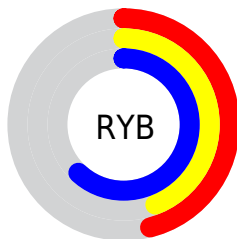
Distribution



Red (46%)

Green (44%)

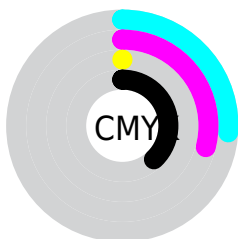
Blue (62%)



Red (46%)

Yellow (44%)

Blue (62%)

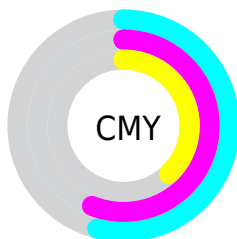


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75709E 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 75709E by changing the saturation by 10% instead.

■ 75709E

■ 75709E

FFFFFF

■ 5C5884

■ AAA4D5

■ 43406A

■ C5BFF1

■ 2C2A52

■ E2DBFF

■ 14163B

■ FFF7FF

■ 000025

■ 00010D

■ 000000

■ 75709E

■ 75709E

■ 67609E

■ 83809E

■ 59509E

■ 91909E

■ 4B419E

■ 9F9F9E

■ 3D319E

■ ADAF9E

■ 2F219E

■ BBBF9E

■ 21119E

■ C9CF9E

■ 12019E

■ D8DF9E

■ 11009E

■ E6EE9E

■ F4FE9E

Harmonies

Analogous

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



5178A3



75709E



90688E

Triad

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



75709E



996B4F



378172

Complementary

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



75709E



999E70

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.



547F5C



75709E



877347

Square

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



75709E



A26561



6F7A4C



1E8189

Rectangle

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



75709E



9C6580



6F7A4C



41816A

Sweetspot

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



75709E



BEBCCF



70999E



5E5D69



E8E8E8



696969

Same Dimension

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



75709E



8E86CF



8C709E



48474F



10008F



02000F

Inverse Universe

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



9E7099



CF86C7



829E70



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 75709E looks on a white background.

Color Contrast Check

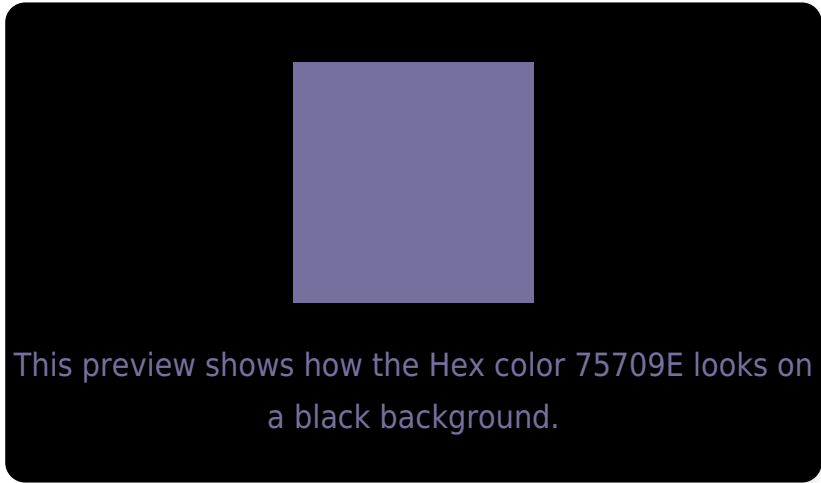
Large Text (above 18pt) WCAG AA ✓ Pass

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

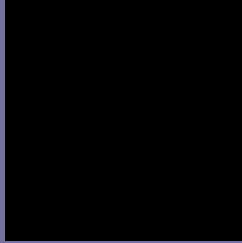
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 75709E Background



This preview shows how black text looks on a background with the Hex color 75709E.



This preview shows how white text looks on a background with the Hex color 75709E.

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](#).

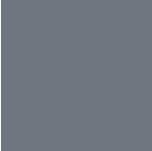
Dichromacy



Original Color
75709E

Protanopia
6874A1

Deuteranopia
6A739D



Tritanopia
6F767F

Trichromacy



Original Color
75709E

Protanomaly
6D73A0

Deuteranomaly
6E729D

Tritanomaly
71748A

Monochromacy



Original Color
75709E

Achromatopsia
777777

Achromatomaly
767485

CSS Examples

Text

The CSS property to change the color of the text to Hex 75709E 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 #75709E looks like.

```
.text, #text, p{  
    color:#75709E  
}
```

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 #75709E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75709E
}
```

Border

The CSS property to change the border of an element to Hex 75709E 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
#75709E }
```

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

```
.border{ border-color:#75709E }
```

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

Here you see how a box with a 4 pixel #75709E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75709E; -webkit-box-shadow:4px 4px  
4px 4px #75709E; box-shadow:4px 4px 4px  
4px #75709E }
```

Background

The CSS property to change the background color of an element to Hex 75709E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75709E }
```

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

```
.background{ background-color:#75709E }
```

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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