

Converting Colors

Hex(77759E)

Have a look what the booklet for
Hex(77759E) contains.

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Color

Hex(77759E)

Conversions

Conversions Part 1

Format	Color
Hex	77759E
RGB	119, 117, 158
RGB Percent	47%, 46%, 62%
CMY	0.5333, 0.5412, 0.3804
CMYK	0.25, 0.26, 0.00, 0.38
HSL	243°, 17%, 54%
HSV	243°, 26%, 62%
XYZ	20.1406, 19.1131, 34.9754
YIQ	122.2720, -11.9690, 13.1750

Conversions

Conversions Part 2

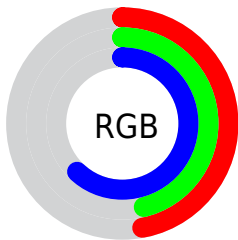
Format	Color
R_{YB}	119, 117, 158
Decimal	7828894
CIE _{Lab}	50.82, 10.08, -21.77
CIE _{LCh}	51, 23.985, 294.841
Yxy	19.1131, 0.2713, 0.2575
Android (android.graphics.Color)	4286018974 (0xFF77759E)
YUV	122.2720, 17.6139, -2.8695
Hunter-Lab	43.7186, 5.7252, -16.8298

Details

The Hex color **77759E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C9E75**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACA9D5**, and **45456A** is the 20% darker color. If you saturate the color by 10%, you get **68659E**, and if you desaturate by 10%, it is **86859E**.

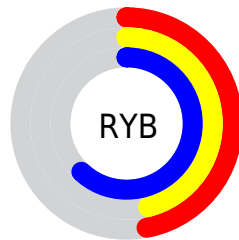
Distribution



Red (47%)

Green (46%)

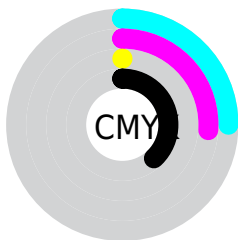
Blue (62%)



Red (47%)

Yellow (46%)

Blue (62%)

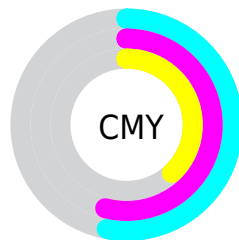


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77759E 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 77759E by changing the saturation by 10% instead.

■ 77759E

■ 77759E

FFFFFF

■ 5E5C84

■ ACA9D5

■ 45456A

■ C7C4F1

■ 2E2F52

■ E4E0FF

■ 171A3B

■ FFFDFF

■ 020025

■ 00010E

■ 000000

■ 77759E

■ 77759E

■ 68659E

■ 86859E

59559E

95959E

4A469E

A4A49E

3B369E

B3B49E

2C269E

C2C49E

1D169E

D1D49E

0E069E

E0E49E

08009E

EFF39E

FEFF9E

Harmonies

Analogous

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



597CA1



77759E



906E91

Triad

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



77759E



9A7058



478475

Complementary

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



77759E



9C9E75

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.



5E8261



77759E



8B7750

Square

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



77759E



A26B69



767D53



378489

Rectangle

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



77759E



9B6B84



767D53



4E846E

Sweetspot

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



77759E



BFBECE



759D9E



5F5E69



E8E8E8



696969

Same Dimension

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



77759E



928FCF



8B759E



48474F



07008F



01000F

Inverse Universe

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



9E759C



CF8FCB



889E75



4F474F



8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 77759E looks on a white background.

Color Contrast Check

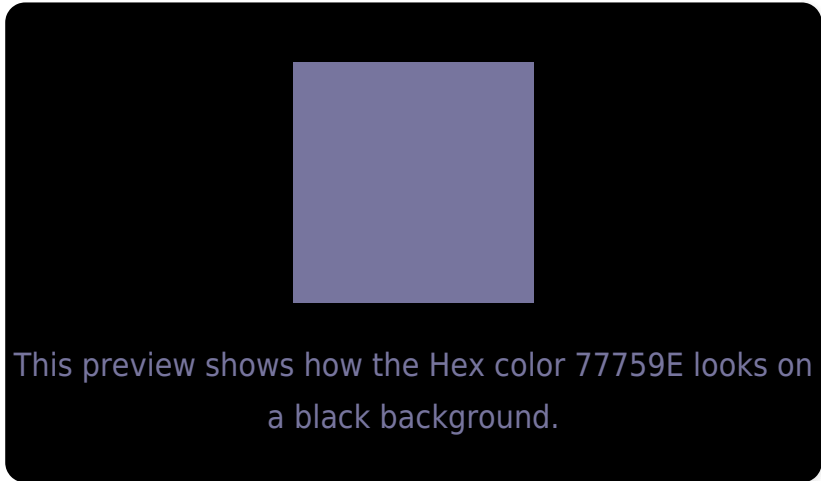
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

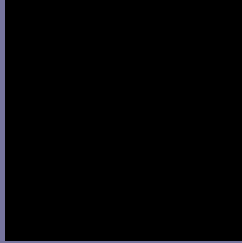
Any Text WCAG AA ✓ Pass

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 77759E Background



This preview shows how black text looks on a background with the Hex color 77759E.



This preview shows how white text looks on a background with the Hex color 77759E.

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

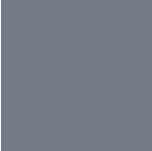
77759E

Protanopia

6E77A0

Deuteranopia

71779E



Tritanopia
727A84

Trichromacy



Original Color
77759E

Protanomaly
71769F

Deuteranomaly
73769E

Tritanomaly
74788D

Monochromacy



Original Color
77759E

Achromatopsia
7A7A7A

Achromatomaly
797887

CSS Examples

Text

The CSS property to change the color of the text to Hex 77759E 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 #77759E looks like.

```
.text, #text, p{  
    color:#77759E  
}
```

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 #77759E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77759E
}
```

Border

The CSS property to change the border of an element to Hex 77759E is called "border". The border property can be set on classes, ids or directly on the HTML element.

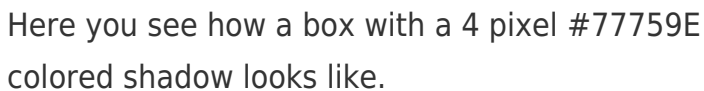
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77759E }
```

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

```
.border{ border-color:#77759E }
```

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



Here you see how a box with a 4 pixel #77759E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77759E; -webkit-box-shadow:4px 4px  
4px 4px #77759E; box-shadow:4px 4px 4px  
4px #77759E }
```

Background

The CSS property to change the background color of an element to Hex 77759E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77759E }
```

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

```
.background{ background-color:#77759E }
```

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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