

Converting Colors

Hex(77599E)

Have a look what the booklet for
Hex(77599E) contains.

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Color

Hex(77599E)

Conversions

Conversions Part 1

Format	Color
Hex	77599E
RGB	119, 89, 158
RGB Percent	47%, 35%, 62%
CMY	0.5333, 0.6510, 0.3804
CMYK	0.25, 0.44, 0.00, 0.38
HSL	266°, 28%, 48%
HSV	266°, 44%, 62%
XYZ	17.3517, 13.5353, 34.0458
YIQ	105.8360, -4.2690, 27.8190

Conversions

Conversions Part 2

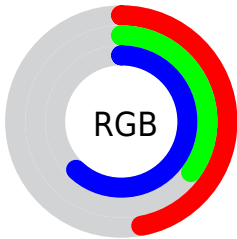
Format	Color
R_{YB}	119, 89, 158
Decimal	7821726
CIE _{Lab}	43.56, 26.92, -33.06
CIE _{LCh}	44, 42.635, 309.158
Yxy	13.5353, 0.2672, 0.2085
Android (android.graphics.Color)	4286011806 (0xFF77599E)
YUV	105.8360, 25.7169, 11.5448
Hunter-Lab	36.7904, 19.8040, -29.1137

Details

The Hex color **77599E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **809E59**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AD8CD5**, and **442A6A** is the 20% darker color. If you saturate the color by 10%, you get **6E499E**, and if you desaturate by 10%, it is **80699E**.

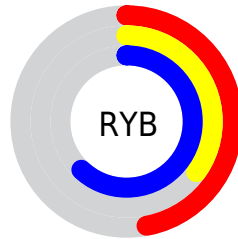
Distribution



Red (47%)

Green (35%)

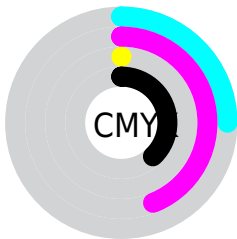
Blue (62%)



Red (47%)

Yellow (35%)

Blue (62%)

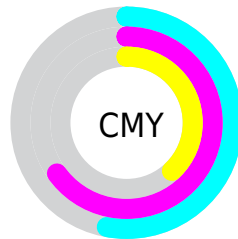


Cyan (25%)

Magenta (44%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (65%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77599E 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 77599E by changing the saturation by 10% instead.

77599E

77599E

FFFFFF

5D4184

AD8CD5

442A6A

C8A6F2

2C1552

E5C1FF

15003A

FFDDFF

000224

FFFAFF

00000B

000000

77599E

77599E

6E499E

80699E

65399E

89799E

5C2A9E

92889E

531A9E

9B989E

4A0A9E

A4A89E

45009E

ADB89E

B6C89E

BED79E

C7E79E

Harmonies

Analogous

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



3667AD



77599E



9A4B81

Triad

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



77599E



8E5C23



007871

Complementary

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



77599E



809E59

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.



00764C



77599E



70691B

Square

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



77599E



A24E3C



4A712D



007793

Rectangle

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



77599E



A54769



4A712D



007865

Sweetspot

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



77599E



BFB4CF



59809E



5F5869



E8E8E8



696969

Same Dimension

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



77599E



9263CF



99599E



4B474F



3E008F



07000F

Inverse Universe

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



9E5980



CF63A0



5E9E59



4F474C



8F0051



0F0009

Previews

White Background



This preview shows how the Hex color 77599E 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

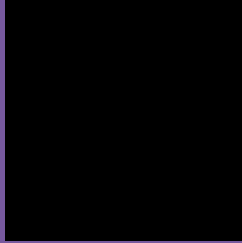
Any Text WCAG AA × Fail

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 77599E Background



This preview shows how black text looks on a background with the Hex color 77599E.



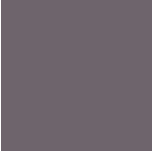
This preview shows how white text looks on a background with the Hex color 77599E.

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](#).

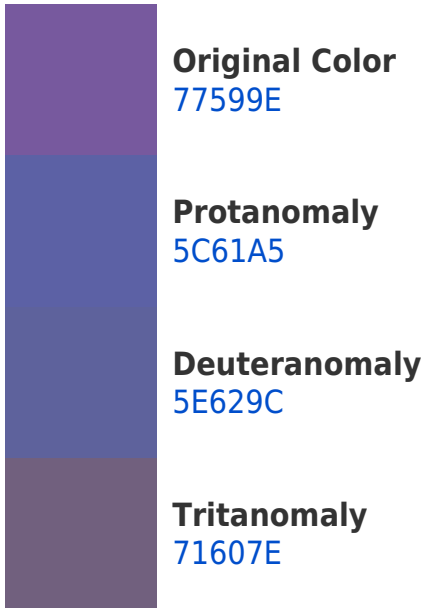
Dichromacy



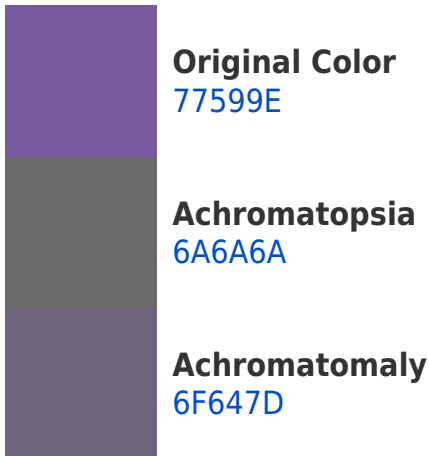


Tritanopia
6E646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77599E 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 #77599E looks like.

```
.text, #text, p{  
    color:#77599E  
}
```

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 #77599E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77599E
}
```

Border

The CSS property to change the border of an element to Hex 77599E is called "border". The border property can be set on classes, ids or directly on the HTML element.

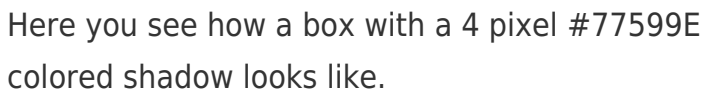
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77599E }
```

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

```
.border{ border-color:#77599E }
```

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



Here you see how a box with a 4 pixel #77599E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77599E; -webkit-box-shadow:4px 4px  
4px 4px #77599E; box-shadow:4px 4px 4px  
4px #77599E }
```

Background

The CSS property to change the background color of an element to Hex 77599E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77599E }
```

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

```
.background{ background-color:#77599E }
```

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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