

Converting Colors

Hex(76597E)

Have a look what the booklet for
Hex(76597E) contains.

Hex(76597E)	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(76597E)

Conversions

Conversions Part 1

Format	Color
Hex	76597E
RGB	118, 89, 126
RGB Percent	46%, 35%, 49%
CMY	0.5373, 0.6510, 0.5059
CMYK	0.06, 0.29, 0.00, 0.51
HSL	287°, 17%, 42%
HSV	287°, 29%, 49%
XYZ	14.8095, 12.5027, 21.3714
YIQ	101.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

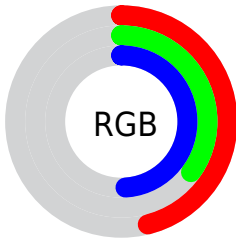
Format	Color
R_{YB}	118, 89, 126
Decimal	7756158
CIE Lab	42.00, 19.03, -16.22
CIE LCh	42, 25.011, 319.559
Yxy	12.5027, 0.3042, 0.2568
Android (android.graphics.Color)	4285946238 (0xFF76597E)
YUV	101.8890, 11.8867, 14.1293
Hunter-Lab	35.3591, 12.8829, -11.0840

Details

The Hex color **76597E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **617E59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AB8BB3**, and **452B4D** is the 20% darker color. If you saturate the color by 10%, you get **734C7E**, and if you desaturate by 10%, it is **79667E**.

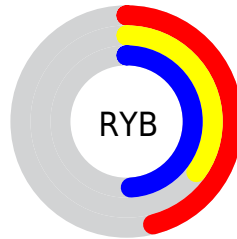
Distribution



Red (46%)

Green (35%)

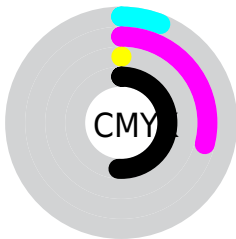
Blue (49%)



Red (46%)

Yellow (35%)

Blue (49%)

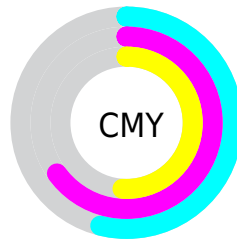


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76597E 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 76597E by changing the saturation by 10% instead.



76597E



76597E

FFFFFF



5D4165



AB8BB3



452B4D



C6A6CE



2E1636



E2C1EB



1C0021



FFDDFF



000006



FFFAFF



000000



76597E



76597E



734C7E



79667E



71407E



7B727E

6E337E

7E7F7E

6B277E

818B7E

681A7E

84987E

660D7E

86A57E

63017E

89B17E

63007E

8CBE7E

8FCA7E

Harmonies

Analogous

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



5B608A



76597E



87546B

Triad

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



76597E



775F3B



156E70

Complementary

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



76597E



617E59

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.



316E5B



76597E



63663C

Square

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



76597E



865845



4C6B48



166C82

Rectangle

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



76597E



8B535D



4C6B48



1E6E69

Sweetspot

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



76597E



A095A3



59617E



504952



D1D1D1



525252

Same Dimension

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



76597E



976AA3



7E5974



3E3940



640080



000000

Inverse Universe

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



7E5961



A36A76



597E63



40393B



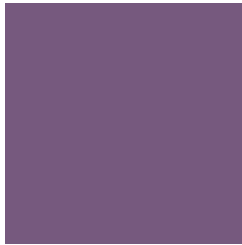
80001C



000000

Previews

White Background



This preview shows how the Hex color 76597E looks on a white background.

Color Contrast Check

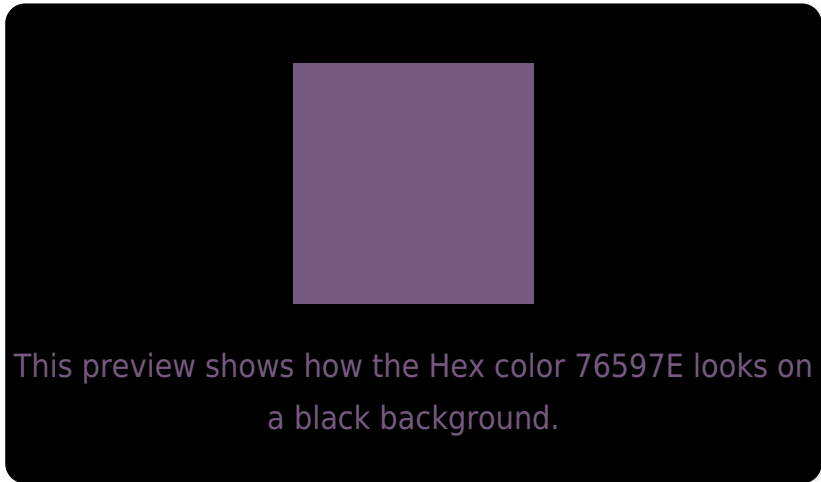
Large Text (above 18pt) WCAG AA ✓ Pass

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

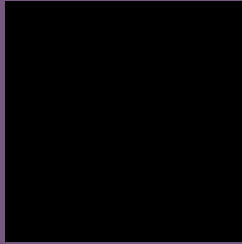
Any Text WCAG AA × Fail

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 76597E Background



This preview shows how black text looks on a background with the Hex color 76597E.



This preview shows how white text looks on a background with the Hex color 76597E.

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
76597E

Protanopia
5A6285

Deuteranopia
60617C



Tritanopia
725E65

Trichromacy



Original Color
76597E

Protanomaly
645F82

Deuteranomaly
685E7D

Tritanomaly
735C6E

Monochromacy



Original Color
76597E

Achromatopsia
666666

Achromatomaly
6C616F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76597E 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 #76597E looks like.

```
.text, #text, p{  
    color:#76597E  
}
```

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 #76597E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76597E
}
```

Border

The CSS property to change the border of an element to Hex 76597E is called "border". The border property can be set on classes, ids or directly on the HTML element.

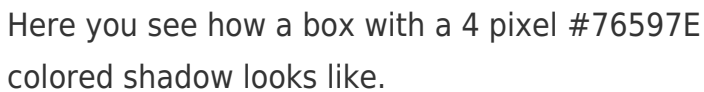
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76597E }
```

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

```
.border{ border-color:#76597E }
```

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



Here you see how a box with a 4 pixel #76597E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76597E; -webkit-box-shadow:4px 4px  
4px 4px #76597E; box-shadow:4px 4px 4px  
4px #76597E }
```

Background

The CSS property to change the background color of an element to Hex 76597E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76597E }
```

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

```
.background{ background-color:#76597E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor