

Converting Colors

Hex(597A7E)

Have a look what the booklet for
Hex(597A7E) contains.

Hex(597A7E)	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(597A7E)

Conversions

Conversions Part 1

Format	Color
Hex	597A7E
RGB	89, 122, 126
RGB Percent	35%, 48%, 49%
CMY	0.6510, 0.5216, 0.5059
CMYK	0.29, 0.03, 0.00, 0.51
HSL	186°, 17%, 42%
HSV	186°, 29%, 49%
XYZ	14.8453, 17.5493, 22.3436
YIQ	112.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

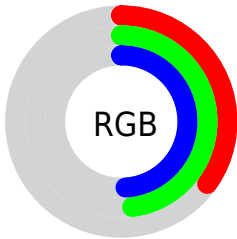
Format	Color
R_{YB}	89, 106, 126
Decimal	5864062
CIE _{Lab}	48.94, -10.67, -5.99
CIE _{LCh}	49, 12.234, 209.333
Yxy	17.5493, 0.2712, 0.3206
Android (android.graphics.Color)	4284054142 (0xFF597A7E)
YUV	112.5890, 6.6116, -20.6876
Hunter-Lab	41.8919, -10.0555, -2.2988

Details

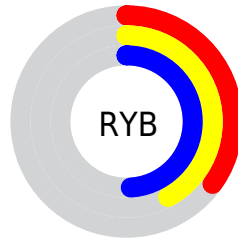
The Hex color **597A7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5D59**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8CAEB3**, and **29494D** is the 20% darker color. If you saturate the color by 10%, you get **4C797E**, and if you desaturate by 10%, it is **667B7E**.

Distribution



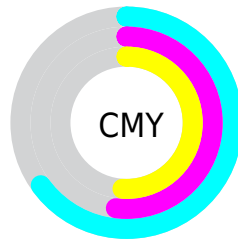
- Red (35%)
- Green (48%)
- Blue (49%)



- Red (35%)
- Yellow (42%)
- Blue (49%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (65%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 597A7E 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 597A7E by changing the saturation by 10% instead.

■ 597A7E

■ 597A7E

FFFFFF

■ 416165

■ 8CAEB3

■ 29494D

■ A7CACE

■ 113336

■ C2E6EA

■ 001E21

■ DEFFFF

■ 00000A

■ FBFFFF

■ 000000

■ 597A7E

■ 597A7E

■ 4C797E

■ 667B7E

■ 40777E

■ 727D7E

■ 33767E

■ 7F7E7E

■ 27757E

■ 8B7F7E

■ 1A737E

■ 98817E

■ 0D727E

■ A5827E

■ 01707E

■ B1847E

■ 00707E

■ BE857E

■ CA867E

Harmonies

Analogous

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



5C7A74



597A7E



5D7886

Triad

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



597A7E



826F7F



7D7360

Complementary

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



597A7E



7E5D59

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.



867063



597A7E



896D75

Square

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



597A7E



767286



8A6E6B



717762

Rectangle

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



597A7E



647688



8A6E6B



807260

Sweetspot

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



597A7E



95A2A3



597E5D



495152



D1D1D1



525252

Same Dimension

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



597A7E



6A9DA3



59687E



393F40



007280



000000

Inverse Universe

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



7E597A



A36A9D



7E6F59



40393F



800072



000000

Previews

White Background



This preview shows how the Hex color 597A7E looks on a white background.

Color Contrast Check

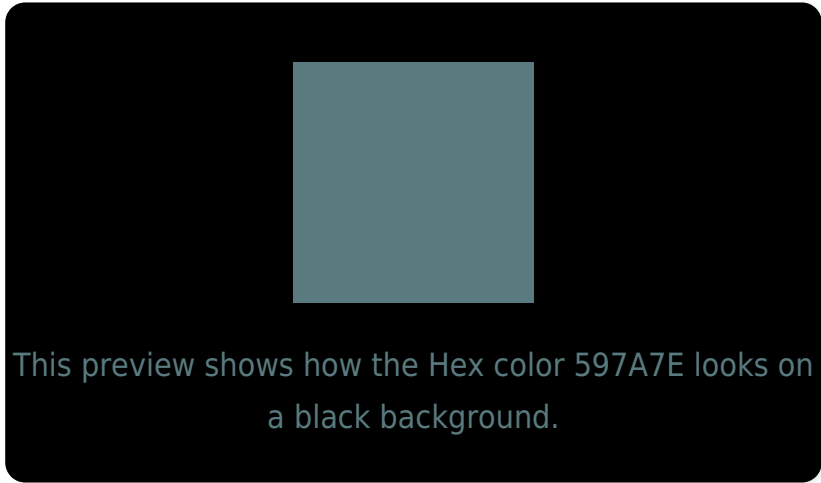
Large Text (above 18pt) WCAG AA ✓ Pass

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

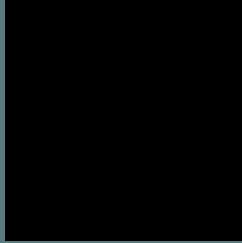
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

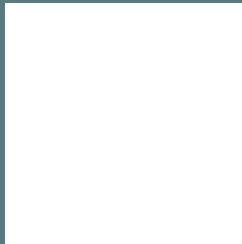
Any Text WCAG AAA × Fail

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

Hex 597A7E Background



This preview shows how black text looks on a background with the Hex color 597A7E.

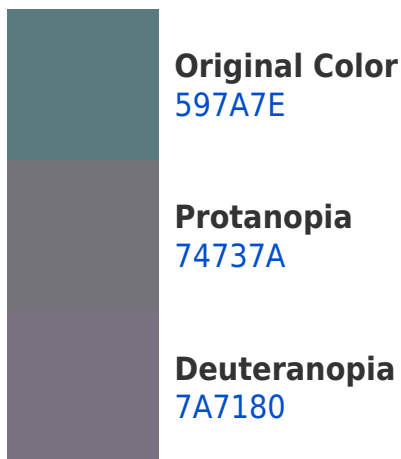


This preview shows how white text looks on a background with the Hex color 597A7E.

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](#).

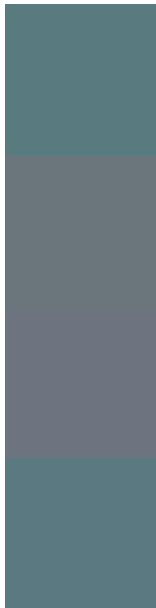
Dichromacy





Tritanopia
5A7983

Trichromacy



Original Color
597A7E

Protanomaly
6A767B

Deuteranomaly
6E747F

Tritanomaly
5A7981

Monochromacy



Original Color
597A7E

Achromatopsia
717171

Achromatomaly
687476

CSS Examples

Text

The CSS property to change the color of the text to Hex 597A7E 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 #597A7E looks like.

```
.text, #text, p{  
    color:#597A7E  
}
```

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 #597A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597A7E
}
```

Border

The CSS property to change the border of an element to Hex 597A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

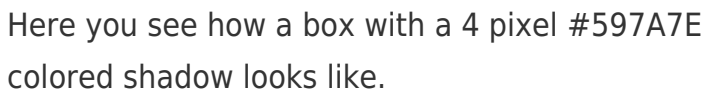
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#597A7E }
```

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

```
.border{ border-color:#597A7E }
```

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



Here you see how a box with a 4 pixel #597A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597A7E; -webkit-box-shadow:4px 4px  
4px 4px #597A7E; box-shadow:4px 4px 4px  
4px #597A7E }
```

Background

The CSS property to change the background color of an element to Hex 597A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597A7E }
```

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

```
.background{ background-color:#597A7E }
```

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