

Converting Colors

Hex(597C78)

Have a look what the booklet for
Hex(597C78) contains.

Hex(597C78)	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(597C78)

Conversions

Conversions Part 1

Format	Color
Hex	597C78
RGB	89, 124, 120
RGB Percent	35%, 49%, 47%
CMY	0.6510, 0.5137, 0.5294
CMYK	0.28, 0.00, 0.03, 0.51
HSL	173°, 16%, 42%
HSV	173°, 28%, 49%
XYZ	14.7176, 17.8952, 20.4477
YIQ	113.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

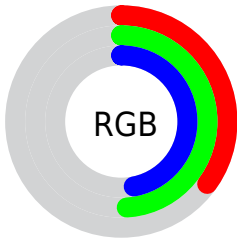
Format	Color
R_{YB}	89, 108, 124
Decimal	5864568
CIE Lab	49.37, -13.27, -1.83
CIE LCh	49, 13.392, 187.840
Yxy	17.8952, 0.2774, 0.3373
Android (android.graphics.Color)	4284054648 (0xFF597C78)
YUV	113.0790, 3.4121, -21.1173
Hunter-Lab	42.3027, -11.9275, 0.9531

Details

The Hex color **597C78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C595D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8CB1AC**, and **294B48** is the 20% darker color. If you saturate the color by 10%, you get **4D7C77**, and if you desaturate by 10%, it is **657C79**.

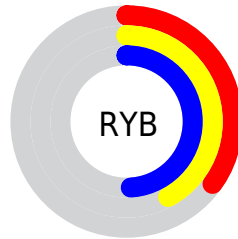
Distribution



Red (35%)

Green (49%)

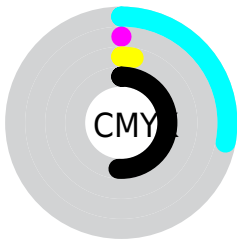
Blue (47%)



Red (35%)

Yellow (42%)

Blue (49%)

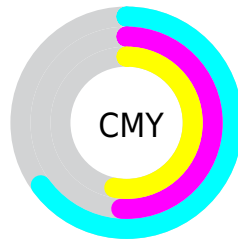


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 597C78 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 597C78 by changing the saturation by 10% instead.

■ 597C78

■ 597C78

FFFFFF

■ 41635F

■ 8CB1AC

■ 294B48

■ A7CCC8

■ 123431

■ C2E8E4

■ 001F1C

■ DEFFFF

■ 000002

■ FBFFFF

■ 000000

■ 597C78

■ 597C78

■ 4D7C77

■ 657C79

■ 407C75

■ 727C7B

 347C74

 7E7C7C

 277C72

 8B7C7E

 1B7C71

 977C7F

 0F7C6F

 A37C81

 027C6E

 B07C82

 007C6E

 BC7C83

 C97C85

Harmonies

Analogous

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



627B6C



597C78



577B83

Triad

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



597C78



7B7187



867261

Complementary

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



597C78



7C595D

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.



8C6F68



597C78



876E7E

Square

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



597C78



6C758C



8D6D73



7B765F

Rectangle

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



597C78



5B7A88



8D6D73



897163

Sweetspot

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



597C78



94A19F



5D7C59



495251



D1D1D1



525252

Same Dimension

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



597C78



6AA19A



596F7C



373D3D



007D6F



00FCE0

Inverse Universe

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



7C595D



A16A70



7C6659



3D3738



7D000E



FC001D

Previews

White Background



This preview shows how the Hex color 597C78 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

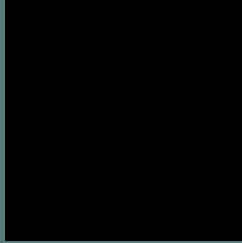
Any Text WCAG AA ✓ Pass

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 597C78 Background



This preview shows how black text looks on a background with the Hex color 597C78.

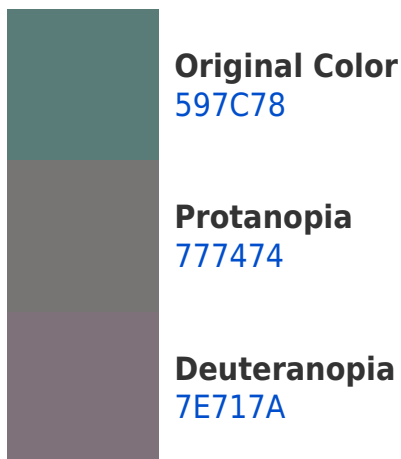



This preview shows how white text looks on a background with the Hex color 597C78.

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](#).

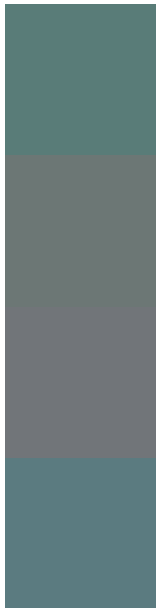
Dichromacy





Tritanopia
5C7A84

Trichromacy



Original Color
597C78

Protanomaly
6C7775

Deuteranomaly
717579

Tritanomaly
5B7B80

Monochromacy



Original Color
597C78

Achromatopsia
717171

Achromatomaly
687574

CSS Examples

Text

The CSS property to change the color of the text to Hex 597C78 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 #597C78 looks like.

```
.text, #text, p{  
    color:#597C78  
}
```

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 #597C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597C78
}
```

Border

The CSS property to change the border of an element to Hex 597C78 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
#597C78 }
```

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

```
.border{ border-color:#597C78 }
```

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

Here you see how a box with a 4 pixel #597C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597C78; -webkit-box-shadow:4px 4px  
4px 4px #597C78; box-shadow:4px 4px 4px  
4px #597C78 }
```

Background

The CSS property to change the background color of an element to Hex 597C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597C78 }
```

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

```
.background{ background-color:#597C78 }
```

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