

Converting Colors

Hex(617E80)

Have a look what the booklet for
Hex(617E80) contains.

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Color

Hex(617E80)

Conversions

Conversions Part 1

Format	Color
Hex	617E80
RGB	97, 126, 128
RGB Percent	38%, 49%, 50%
CMY	0.6196, 0.5059, 0.4980
CMYK	0.24, 0.02, 0.00, 0.50
HSL	184°, 14%, 44%
HSV	184°, 24%, 50%
XYZ	16.2869, 19.0216, 23.2352
YIQ	117.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

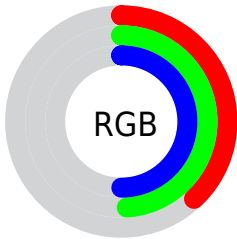
Format	Color
R_{YB}	97, 112, 128
Decimal	6389376
CIE _{Lab}	50.71, -9.84, -4.49
CIE _{LCh}	51, 10.814, 204.556
Yxy	19.0216, 0.2782, 0.3249
Android (android.graphics.Color)	4284579456 (0xFF617E80)
YUV	117.5570, 5.1484, -18.0285
Hunter-Lab	43.6138, -9.6660, -1.0571

Details

The Hex color **617E80** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806361**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94B3B5**, and **314D4F** is the 20% darker color. If you saturate the color by 10%, you get **547D80**, and if you desaturate by 10%, it is **6E7F80**.

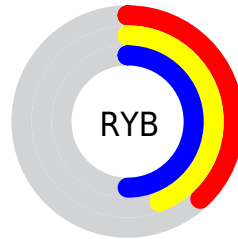
Distribution



Red (38%)

Green (49%)

Blue (50%)



Red (38%)

Yellow (44%)

Blue (50%)

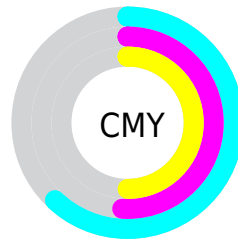


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617E80 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 617E80 by changing the saturation by 10% instead.

617E80

617E80

FFFFFF

496567

94B3B5

314D4F

AFCED0

1B3638

CBEAED

042123

E7FFFF

00050D

000000

617E80

617E80

547D80

6E7F80

477C80

7B8080

■ 3B7C80

■ 878080

■ 2E7B80

■ 948180

■ 217A80

■ A18280

■ 147980

■ AE8380

■ 077880

■ BB8480

■ 007880

■ C78580

■ D48580

Harmonies

Analogous

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



657E77



617E80



647D87

Triad

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



617E80



837484



827867

Complementary

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



617E80



806361

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.



89756A



617E80



8A737B

Square

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



617E80



787789



8C7371



787A68

Rectangle

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



617E80



697B8A



8C7371



857667

Sweetspot

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



617E80



9AA5A6



618063



4D5454



D4D4D4



545454

Same Dimension

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



617E80



76A3A6



616F80



393F40



007780



000000

Inverse Universe

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



80617E



A676A3



807261



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 617E80 looks on a white background.

Color Contrast Check

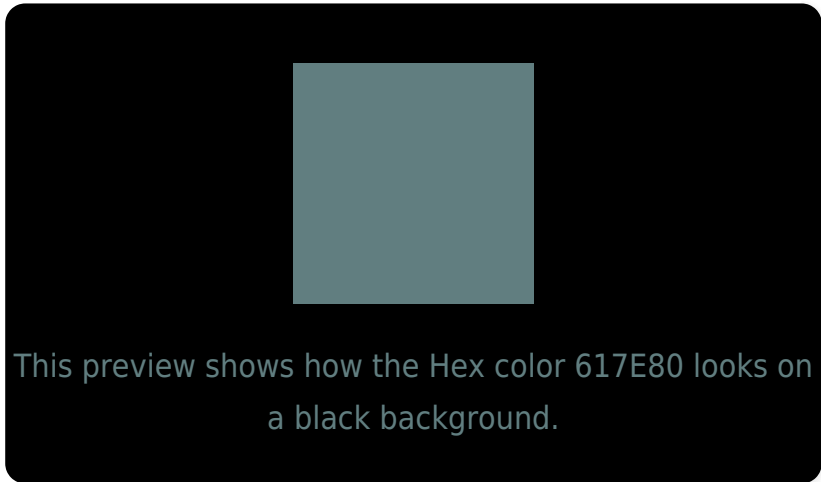
Large Text (above 18pt) WCAG AA ✓ Pass

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 617E80 Background



This preview shows how black text looks on a background with the Hex color 617E80.

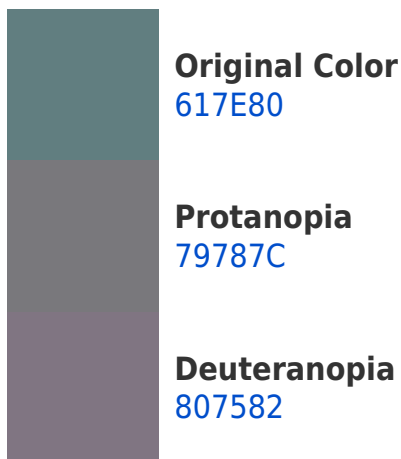



This preview shows how white text looks on a background with the Hex color 617E80.

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](#).

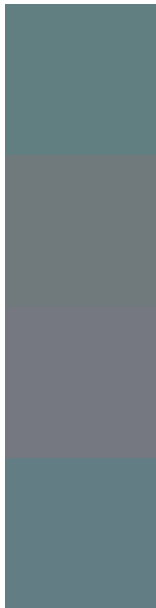
Dichromacy





Tritanopia
627D87

Trichromacy



Original Color
617E80

Protanomaly
707A7D

Deuteranomaly
757881

Tritanomaly
627D84

Monochromacy



Original Color
617E80

Achromatopsia
767676

Achromatomaly
6E797A

CSS Examples

Text

The CSS property to change the color of the text to Hex 617E80 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 #617E80 looks like.

```
.text, #text, p{  
    color:#617E80  
}
```

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 #617E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617E80
}
```

Border

The CSS property to change the border of an element to Hex 617E80 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
#617E80 }
```

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

```
.border{ border-color:#617E80 }
```

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

Here you see how a box with a 4 pixel #617E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617E80; -webkit-box-shadow:4px 4px  
4px 4px #617E80; box-shadow:4px 4px 4px  
4px #617E80 }
```

Background

The CSS property to change the background color of an element to Hex 617E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617E80 }
```

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

```
.background{ background-color:#617E80 }
```

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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