

Converting Colors

Hex(617E85)

Have a look what the booklet for
Hex(617E85) contains.

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Color

Hex(617E85)

Conversions

Conversions Part 1

Format	Color
Hex	617E85
RGB	97, 126, 133
RGB Percent	38%, 49%, 52%
CMY	0.6196, 0.5059, 0.4784
CMYK	0.27, 0.05, 0.00, 0.48
HSL	192°, 16%, 45%
HSV	192°, 27%, 52%
XYZ	16.6243, 19.1566, 25.0117
YIQ	118.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

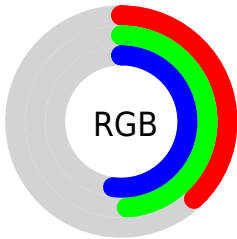
Format	Color
R_YB	97, 113, 133
Decimal	6389381
CIE Lab	50.87, -8.61, -7.19
CIE LCh	51, 11.220, 219.881
Yxy	19.1566, 0.2735, 0.3151
Android (android.graphics.Color)	4284579461 (0xFF617E85)
YUV	118.1270, 7.3324, -18.5284
Hunter-Lab	43.7682, -8.7956, -3.2440

Details

The Hex color **617E85** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **856861**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94B3BA**, and **314D54** is the 20% darker color. If you saturate the color by 10%, you get **547B85**, and if you desaturate by 10%, it is **6E8185**.

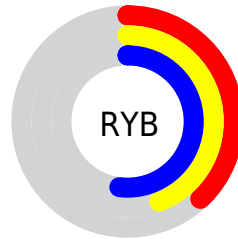
Distribution



Red (38%)

Green (49%)

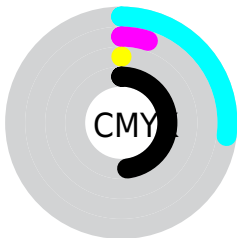
Blue (52%)



Red (38%)

Yellow (44%)

Blue (52%)

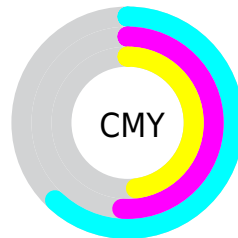


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617E85 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 617E85 by changing the saturation by 10% instead.

617E85

617E85

FFFFFF

49656C

94B3BA

314D54

AFCED6

1A363C

CBEAF2

032127

E7FFFF

000712

000000

617E85

617E85

547B85

6E8185

467985

7C8385

■ 397685

■ 898685

■ 2C7485

■ 968885

■ 1E7185

■ A38B85

■ 116E85

■ B18E85

■ 046C85

■ BE9085

■ 006B85

■ CB9385

■ D99585

Harmonies

Analogous

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



627F7C



617E85



677C8B

Triad

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



617E85



887380



7E7966

Complementary

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



617E85



856861

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.



877667



617E85



8D7376

Square

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



617E85



7F7688



8D746D



737C6A

Rectangle

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



617E85



6F7A8C



8D746D



817866

Sweetspot

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



617E85



A0ABAD



618568



4E5557



D6D6D6



575757

Same Dimension

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



617E85



76A3AD



616C85



3C4142



006982



000203

Inverse Universe

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



85617E



AD76A3



857A61



423C41



820069



030002

Previews

White Background



This preview shows how the Hex color 617E85 looks on a white background.

Color Contrast Check

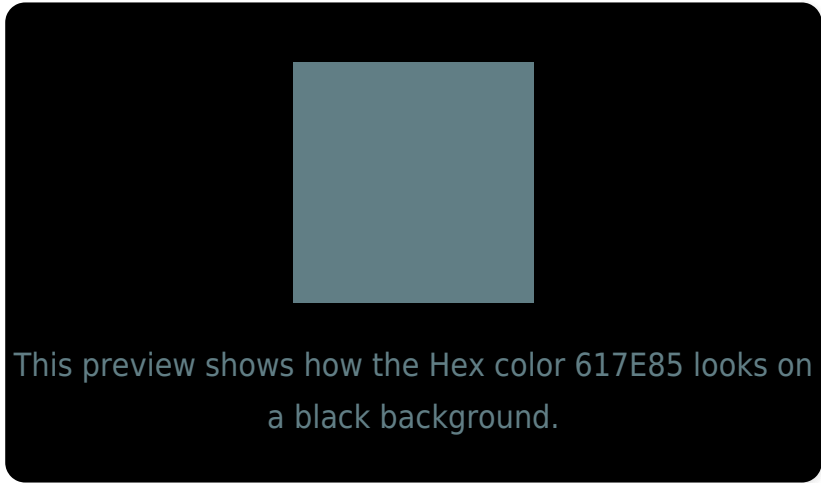
Large Text (above 18pt) WCAG AA ✓ Pass

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

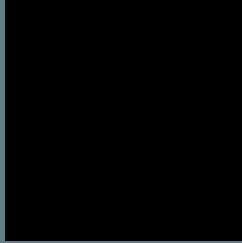
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

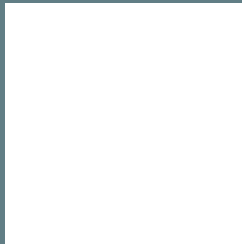
Any Text WCAG AAA × Fail

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

Hex 617E85 Background



This preview shows how black text looks on a background with the Hex color 617E85.

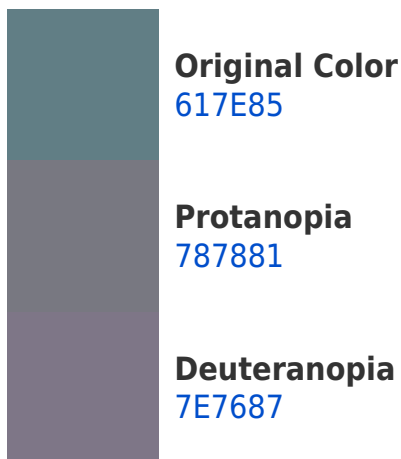


This preview shows how white text looks on a background with the Hex color 617E85.

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](#).

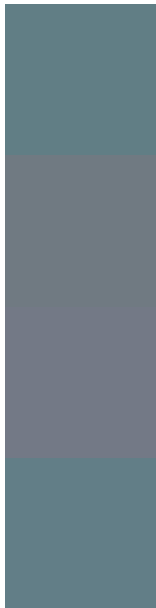
Dichromacy





Tritanopia
627E88

Trichromacy



Original Color
617E85

Protanomaly
707A82

Deuteranomaly
737986

Tritanomaly
627E87

Monochromacy



Original Color
617E85

Achromatopsia
767676

Achromatomaly
6E797B

CSS Examples

Text

The CSS property to change the color of the text to Hex 617E85 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 #617E85 looks like.

```
.text, #text, p{  
    color:#617E85  
}
```

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 #617E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617E85
}
```

Border

The CSS property to change the border of an element to Hex 617E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

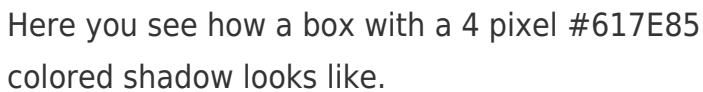
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617E85 }
```

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

```
.border{ border-color:#617E85 }
```

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



Here you see how a box with a 4 pixel #617E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617E85; -webkit-box-shadow:4px 4px  
4px 4px #617E85; box-shadow:4px 4px 4px  
4px #617E85 }
```

Background

The CSS property to change the background color of an element to Hex 617E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617E85 }
```

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

```
.background{ background-color:#617E85 }
```

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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