

Converting Colors

Hex(617F88)

Have a look what the booklet for
Hex(617F88) contains.

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Color

Hex(617F88)

Conversions

Conversions Part 1

Format	Color
Hex	617F88
RGB	97, 127, 136
RGB Percent	38%, 50%, 53%
CMY	0.6196, 0.5020, 0.4667
CMYK	0.29, 0.07, 0.00, 0.47
HSL	194°, 17%, 46%
HSV	194°, 29%, 53%
XYZ	16.9631, 19.4977, 26.1619
YIQ	119.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

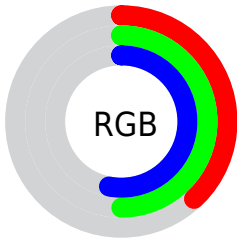
Format	Color
R_{YB}	97, 114, 136
Decimal	6389640
CIE _{Lab}	51.26, -8.42, -8.36
CIE _{LCh}	51, 11.871, 224.793
Yxy	19.4977, 0.2709, 0.3114
Android (android.graphics.Color)	4284579720 (0xFF617F88)
YUV	119.0560, 8.3534, -19.3431
Hunter-Lab	44.1562, -8.7007, -4.2192

Details

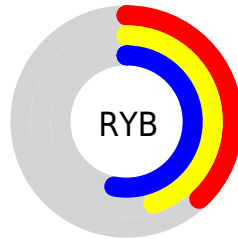
The Hex color **617F88** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **886A61**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **95B4BD**, and **314E56** is the 20% darker color. If you saturate the color by 10%, you get **537C88**, and if you desaturate by 10%, it is **6F8288**.

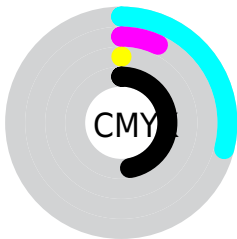
Distribution



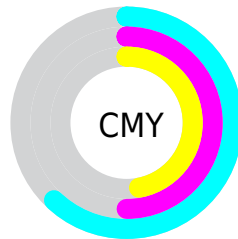
- Red (38%)
- Green (50%)
- Blue (53%)



- Red (38%)
- Yellow (45%)
- Blue (53%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617F88 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 617F88 by changing the saturation by 10% instead.

617F88

617F88

FFFFFF

48666F

95B4BD

314E56

B0CFD9

19373F

CBECF6

022229

E8FFFF

000A15

000000

617F88

617F88

537C88

6F8288

467988

7C8588

■ 387688

■ 8A8888

■ 2B7288

■ 978C88

■ 1D6F88

■ A58F88

■ 0F6C88

■ B39288

■ 026988

■ C09588

■ 006988

■ CE9888

■ DB9B88

Harmonies

Analogous

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



60807F



617F88



697D8D

Triad

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



617F88



8C7480



7D7B67

Complementary

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



617F88



886A61

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.



877867



617F88



907375

Square

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



617F88



827689



8E756C



717E6C

Rectangle

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



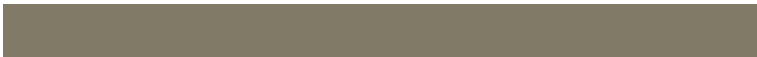
617F88



717A8E



8E756C



817A66

Sweetspot

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



617F88



A0ACB0



618869



4F5759



D9D9D9



595959

Same Dimension

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



617F88



74A2B0



616C88



3E4345



006685



000405

Inverse Universe

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



88617F



B074A2



887D61



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 617F88 looks on a white background.

Color Contrast Check

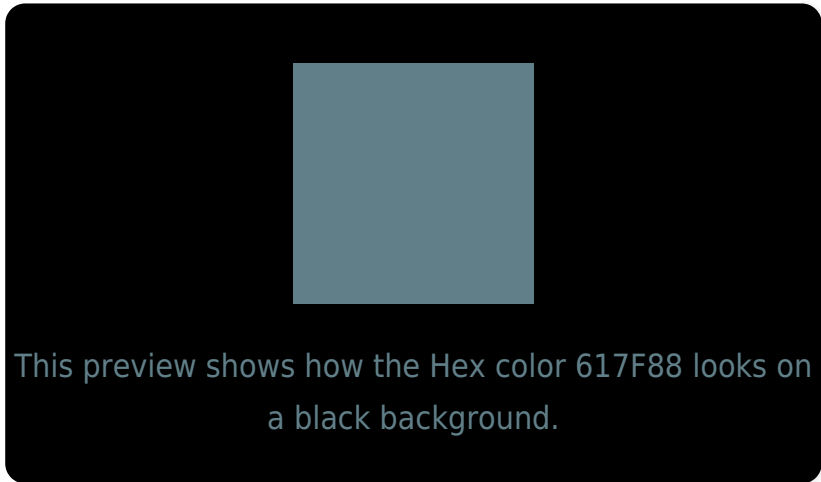
Large Text (above 18pt) WCAG AA ✓ Pass

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

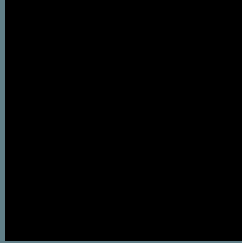
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

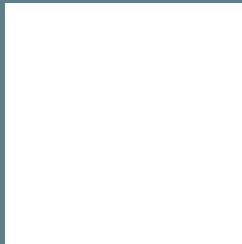
Any Text WCAG AAA × Fail

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

Hex 617F88 Background



This preview shows how black text looks on a background with the Hex color 617F88.

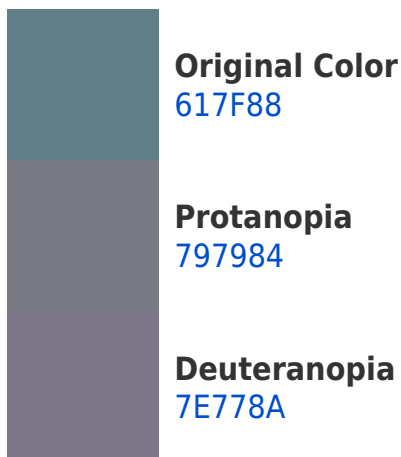


This preview shows how white text looks on a background with the Hex color 617F88.

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](#).

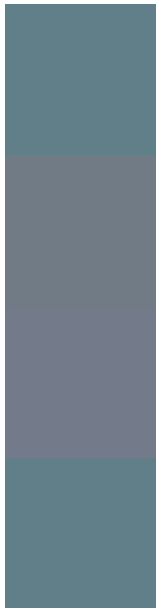
Dichromacy





Tritanopia
617F89

Trichromacy



Original Color
617F88

Protanomaly
707B85

Deuteranomaly
737A89

Tritanomaly
617F89

Monochromacy



Original Color
617F88

Achromatopsia
777777

Achromatomaly
6F7A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 617F88 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 #617F88 looks like.

```
.text, #text, p{  
    color:#617F88  
}
```

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 #617F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617F88  
}
```

Border

The CSS property to change the border of an element to Hex 617F88 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  
#617F88 }
```

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

```
.border{ border-color:#617F88 }
```

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

Here you see how a box with a 4 pixel #617F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617F88; -webkit-box-shadow:4px 4px  
4px 4px #617F88; box-shadow:4px 4px 4px  
4px #617F88 }
```

Background

The CSS property to change the background color of an element to Hex 617F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617F88 }
```

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

```
.background{ background-color:#617F88 }
```

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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