

Converting Colors

Hex(617D8E)

Have a look what the booklet for
Hex(617D8E) contains.

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Color

Hex(617D8E)

Conversions

Conversions Part 1

Format	Color
Hex	617D8E
RGB	97, 125, 142
RGB Percent	38%, 49%, 56%
CMY	0.6196, 0.5098, 0.4431
CMYK	0.32, 0.12, 0.00, 0.44
HSL	203°, 19%, 47%
HSV	203°, 32%, 56%
XYZ	17.1459, 19.1616, 28.3861
YIQ	118.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

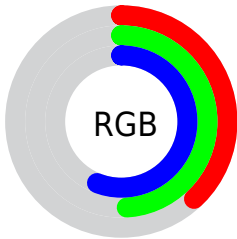
Format	Color
R_{YB}	97, 114, 142
Decimal	6389134
CIE _{Lab}	50.88, -5.74, -12.46
CIE _{LCh}	51, 13.721, 245.265
Yxy	19.1616, 0.2650, 0.2962
Android (android.graphics.Color)	4284579214 (0xFF617D8E)
YUV	118.5660, 11.5530, -18.9134
Hunter-Lab	43.7740, -6.6877, -7.8059

Details

The Hex color **617D8E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7261**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **95B2C4**, and **304C5C** is the 20% darker color. If you saturate the color by 10%, you get **53788E**, and if you desaturate by 10%, it is **6F828E**.

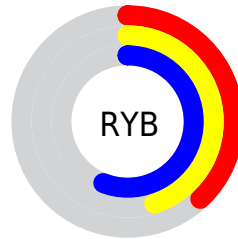
Distribution



Red (38%)

Green (49%)

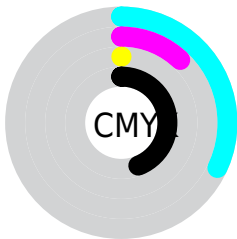
Blue (56%)



Red (38%)

Yellow (45%)

Blue (56%)

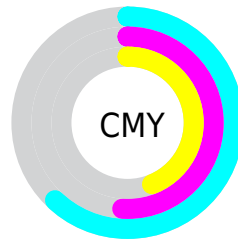


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617D8E 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 617D8E by changing the saturation by 10% instead.

■ 617D8E

■ 617D8E

FFFFFF

■ 486474

■ 95B2C4

■ 304C5C

■ B0CDE0

■ 183644

■ CCE9FC

■ 00202E

■ E8FFFF

■ 00071A

■ 000000

■ 617D8E

■ 617D8E

■ 53788E

■ 6F828E

■ 45728E

■ 7D888E

■ 366D8E

■ 8C8D8E

■ 28688E

■ 9A928E

■ 1A628E

■ A8988E

■ 0C5D8E

■ B69D8E

■ 00588E

■ C4A38E

■ D3A88E

■ E1AD8E

Harmonies

Analogous

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



5A7F86



617D8E



6F7990

Triad

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



617D8E



917177



737D66

Complementary

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



617D8E



8E7261

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.



807962



617D8E



91726C

Square

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



617D8E



8A7283



8B7564



667F6F

Rectangle

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



617D8E



79778E



8B7564



787B64

Sweetspot

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



617D8E



A5B1B8



618E72



51585C



DBDBDB



5C5C5C

Same Dimension

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



617D8E



729DB8



61678E



404547



005487



000508

Inverse Universe

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



8E617D



B8729D



8E8861



474045



870054



080005

Previews

White Background



This preview shows how the Hex color 617D8E 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

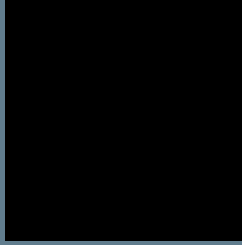
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

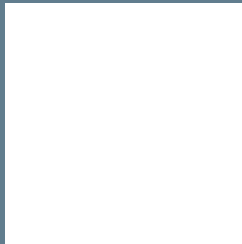
Any Text WCAG AAA × Fail

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

Hex 617D8E Background



This preview shows how black text looks on a background with the Hex color 617D8E.

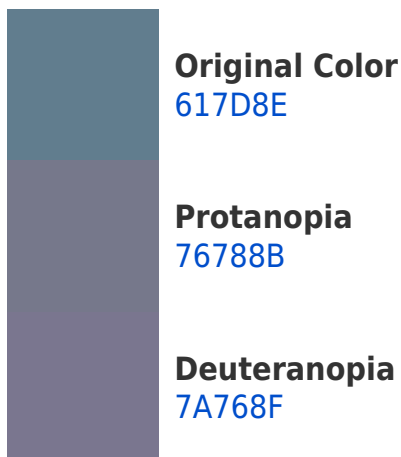


This preview shows how white text looks on a background with the Hex color 617D8E.

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](#).

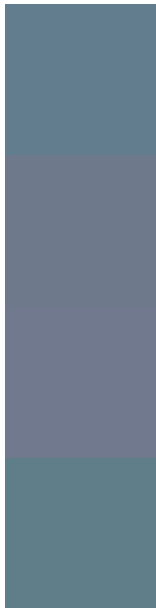
Dichromacy





Tritanopia
607E88

Trichromacy



Original Color
617D8E

Protanomaly
6E7A8C

Deuteranomaly
71798F

Tritanomaly
607E8A

Monochromacy



Original Color
617D8E

Achromatopsia
777777

Achromatomaly
6F797F

CSS Examples

Text

The CSS property to change the color of the text to Hex 617D8E 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 #617D8E looks like.

```
.text, #text, p{  
    color:#617D8E  
}
```

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 #617D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617D8E
}
```

Border

The CSS property to change the border of an element to Hex 617D8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

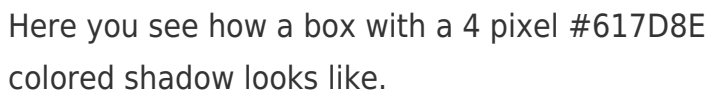
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617D8E }
```

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

```
.border{ border-color:#617D8E }
```

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



Here you see how a box with a 4 pixel #617D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617D8E; -webkit-box-shadow:4px 4px  
4px 4px #617D8E; box-shadow:4px 4px 4px  
4px #617D8E }
```

Background

The CSS property to change the background color of an element to Hex 617D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617D8E }
```

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

```
.background{ background-color:#617D8E }
```

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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