

Converting Colors

Hex(617E68)

Have a look what the booklet for
Hex(617E68) contains.

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Color

Hex(617E68)

Conversions

Conversions Part 1

Format	Color
Hex	617E68
RGB	97, 126, 104
RGB Percent	38%, 49%, 41%
CMY	0.6196, 0.5059, 0.5922
CMYK	0.23, 0.00, 0.17, 0.51
HSL	134°, 13%, 44%
HSV	134°, 23%, 49%
XYZ	14.8893, 18.4626, 15.8756
YIQ	114.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

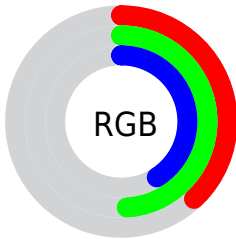
Format	Color
R_{YB}	97, 120, 126
Decimal	6389352
CIE _{Lab}	50.05, -15.17, 8.62
CIE _{LCh}	50, 17.450, 150.405
Yxy	18.4626, 0.3025, 0.3750
Android (android.graphics.Color)	4284579432 (0xFF617E68)
YUV	114.8210, -5.3348, -15.6290
Hunter-Lab	42.9681, -13.3403, 8.1716

Details

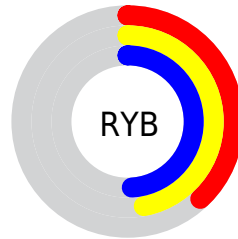
The Hex color **617E68** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7E6177**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **94B39B**, and **324D39** is the 20% darker color. If you saturate the color by 10%, you get **547E5E**, and if you desaturate by 10%, it is **6E7E72**.

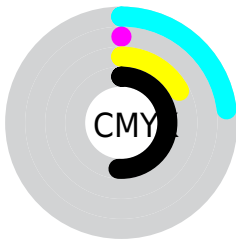
Distribution



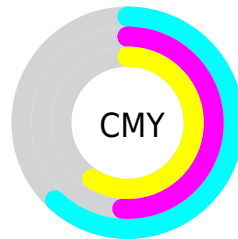
- Red (38%)
- Green (49%)
- Blue (41%)



- Red (38%)
- Yellow (47%)
- Blue (49%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617E68 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 617E68 by changing the saturation by 10% instead.

617E68

617E68

FFFFFF

496550

94B39B

324D39

AFCEB6

1C3623

CAEBD2

06210E

E7FFEE

000000

617E68

617E68

547E5E

6E7E72

487E55

7A7E7B

3B7E4B

877E85

 2F7E42

 937E8E

 227E38

 A07E98

 157E2F

 AD7EA1

 097E25

 B97EAB

 007E1E

 C67EB4

 D27EBE

Harmonies

Analogous

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



727B5D



617E68



538077

Triad

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



617E68



667894



956E69

Complementary

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



617E68



7E6177

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.



946C77



617E68



7A7391

Square

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



617E68



547D90



8A6F86



8F715E

Rectangle

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



617E68



4E7F81



8A6F86



966D6D

Sweetspot

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



617E68



98A39B



777E61



4B524D



D1D1D1



525252

Same Dimension

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



617E68



76A381



617E76



39403B



00801F



000000

Inverse Universe

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



7E6177



A37698



7E6169



40393E



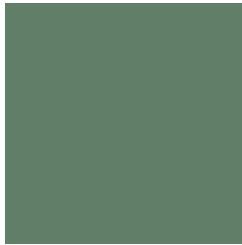
800061



000000

Previews

White Background



This preview shows how the Hex color 617E68 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

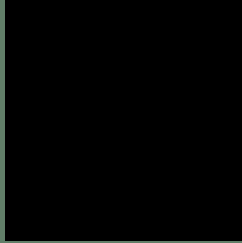
Any Text WCAG AA ✓ Pass

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 617E68 Background



This preview shows how black text looks on a background with the Hex color 617E68.



This preview shows how white text looks on a background with the Hex color 617E68.

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](#).

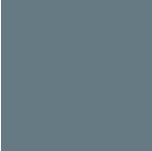
Dichromacy



Original Color
617E68

Protanopia
7D7664

Deuteranopia
87726A



Tritanopia
667A84

Trichromacy



Original Color
617E68

Protanomaly
737965

Deuteranomaly
797669

Tritanomaly
647B7A

Monochromacy



Original Color
617E68

Achromatopsia
737373

Achromatomaly
6C776F

CSS Examples

Text

The CSS property to change the color of the text to Hex 617E68 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 #617E68 looks like.

```
.text, #text, p{  
    color:#617E68  
}
```

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 #617E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617E68  
}
```

Border

The CSS property to change the border of an element to Hex 617E68 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  
#617E68 }
```

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

```
.border{ border-color:#617E68 }
```

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

Here you see how a box with a 4 pixel #617E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617E68; -webkit-box-shadow:4px 4px  
4px 4px #617E68; box-shadow:4px 4px 4px  
4px #617E68 }
```

Background

The CSS property to change the background color of an element to Hex 617E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617E68 }
```

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

```
.background{ background-color:#617E68 }
```

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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