

Converting Colors

Hex(617D77)

Have a look what the booklet for
Hex(617D77) contains.

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Color

Hex(617D77)

Conversions

Conversions Part 1

Format	Color
Hex	617D77
RGB	97, 125, 119
RGB Percent	38%, 49%, 47%
CMY	0.6196, 0.5098, 0.5333
CMYK	0.22, 0.00, 0.05, 0.51
HSL	167°, 13%, 44%
HSV	167°, 22%, 49%
XYZ	15.5932, 18.5405, 20.2096
YIQ	115.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

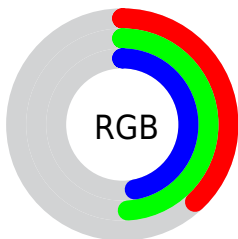
Format	Color
R_{YB}	97, 113, 125
Decimal	6389111
CIE Lab	50.15, -11.39, -0.04
CIE LCh	50, 11.392, 180.209
Yxy	18.5405, 0.2869, 0.3412
Android (android.graphics.Color)	4284579191 (0xFF617D77)
YUV	115.9440, 1.5066, -16.6139
Hunter-Lab	43.0587, -10.7113, 2.3134

Details

The Hex color **617D77** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7D6167**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **94B2AB**, and **324C47** is the 20% darker color. If you saturate the color by 10%, you get **547D74**, and if you desaturate by 10%, it is **6E7D7A**.

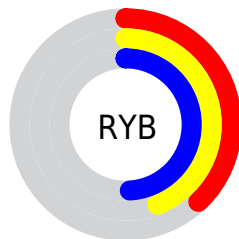
Distribution



Red (38%)

Green (49%)

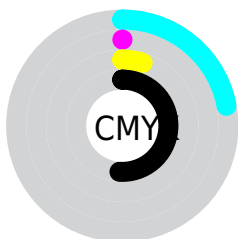
Blue (47%)



Red (38%)

Yellow (44%)

Blue (49%)

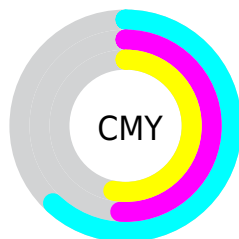


Cyan (22%)

Magenta (0%)

Yellow (5%)

Black (51%)



Cyan (62%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617D77 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 617D77 by changing the saturation by 10% instead.



617D77



617D77

FFFFFF



49645E



94B2AB



324C47



AFCDC6



1B3530



CBE9E2



06201C



E7FFFF



000101



000000



617D77



617D77



547D74



6E7D7A



487D72



7A7D7C

■ 3B7D6F

■ 877D7F

■ 2F7D6C

■ 937D82

■ 227D6A

■ A07D84

■ 167D67

■ AC7D87

■ 097D64

■ B97D8A

■ 007D62

■ C57D8C

■ D27D8F

Harmonies

Analogous

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



697C6D



617D77



5E7D81

Triad

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



617D77



797588



877467

Complementary

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



617D77



7D6167

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.



8C716E



617D77



847281

Square

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



617D77



6D788A



8B7178



7F7764

Rectangle

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



617D77



607C86



8B7178



897369

Sweetspot

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



617D77



98A3A1



677D61



4B5250



D1D1D1



525252

Same Dimension

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



617D77



77A39A



61757D



39403E



008064



000000

Inverse Universe

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



7D6167



A37781



7D6961



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 617D77 looks on a white background.

Color Contrast Check

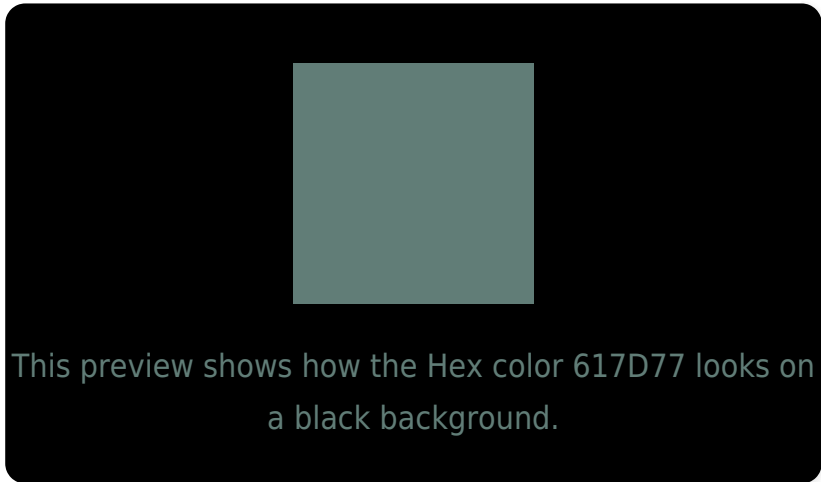
Large Text (above 18pt) WCAG AA ✓ Pass

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

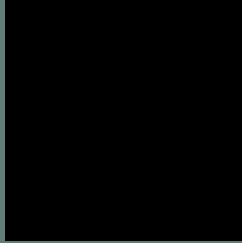
Any Text WCAG AA ✓ Pass

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 617D77 Background



This preview shows how black text looks on a background with the Hex color 617D77.



This preview shows how white text looks on a background with the Hex color 617D77.

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
617D77

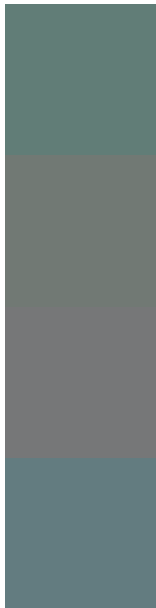
Protanopia
7A7673

Deuteranopia
827379



Tritanopia
647B85

Trichromacy



Original Color
617D77

Protanomaly
717974

Deuteranomaly
767778

Tritanomaly
637C80

Monochromacy



Original Color
617D77

Achromatopsia
747474

Achromatomaly
6D7775

CSS Examples

Text

The CSS property to change the color of the text to Hex 617D77 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 #617D77 looks like.

```
.text, #text, p{  
    color:#617D77  
}
```

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 #617D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617D77  
}
```

Border

The CSS property to change the border of an element to Hex 617D77 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  
#617D77 }
```

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

```
.border{ border-color:#617D77 }
```

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

Here you see how a box with a 4 pixel #617D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617D77; -webkit-box-shadow:4px 4px  
4px 4px #617D77; box-shadow:4px 4px 4px  
4px #617D77 }
```

Background

The CSS property to change the background color of an element to Hex 617D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617D77 }
```

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

```
.background{ background-color:#617D77 }
```

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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