

Converting Colors

Hex(617673)

Have a look what the booklet for
Hex(617673) contains.

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Color

Hex(617673)

Conversions

Conversions Part 1

Format	Color
Hex	617673
RGB	97, 118, 115
RGB Percent	38%, 46%, 45%
CMY	0.6196, 0.5373, 0.5490
CMYK	0.18, 0.00, 0.03, 0.54
HSL	171°, 10%, 42%
HSV	171°, 18%, 46%
XYZ	14.5027, 16.7361, 18.6857
YIQ	111.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

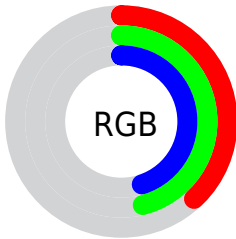
Format	Color
R_{YB}	97, 108, 118
Decimal	6387315
CIE _{Lab}	47.93, -8.36, -0.93
CIE _{LCh}	48, 8.411, 186.317
Yxy	16.7361, 0.2905, 0.3352
Android (android.graphics.Color)	4284577395 (0xFF617673)
YUV	111.3790, 1.7852, -12.6104
Hunter-Lab	40.9097, -8.3129, 1.5559

Details

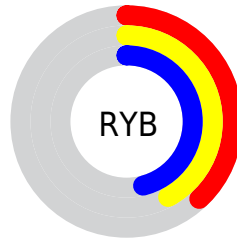
The Hex color **617673** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766164**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **94AAA7**, and **324643** is the 20% darker color. If you saturate the color by 10%, you get **557671**, and if you desaturate by 10%, it is **6D7675**.

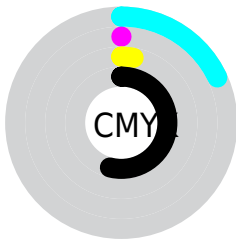
Distribution



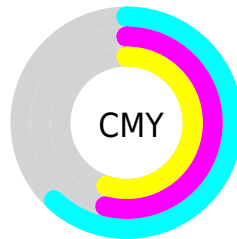
- Red (38%)
- Green (46%)
- Blue (45%)



- Red (38%)
- Yellow (42%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617673 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 617673 by changing the saturation by 10% instead.

617673

617673

FFFFFF

495D5A

94AAA7

324643

AFC5C2

1C2F2D

CAE1DE

061B18

E6FEFA

000000

617673

617673

557671

6D7675

497670

797676

3E766E

847678

■ 32766C

■ 90767A

■ 26766B

■ 9C767B

■ 1A7669

■ A8767D

■ 0E7667

■ B4767F

■ 037666

■ BF7680

■ 007665

■ CB7682

Harmonies

Analogous

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



66756C



617673



60767A

Triad

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



617673



756F7D



7D6F65

Complementary

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



617673



766164

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.



816E6A



617673



7C6E78

Square

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



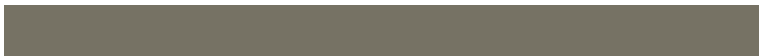
617673



6C7280



816D70



767264

Rectangle

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



617673



62757D



816D70



7E6F66

Sweetspot

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



617673



919998



647661



484D4C



CCCCCC



4D4D4D

Same Dimension

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



617673



799994



616F76



353B3A



007A69



00FAD6

Inverse Universe

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



766164



99797D



766861



3B3536



7A0011



FA0024

Previews

White Background



This preview shows how the Hex color 617673 looks on a white background.

Color Contrast Check

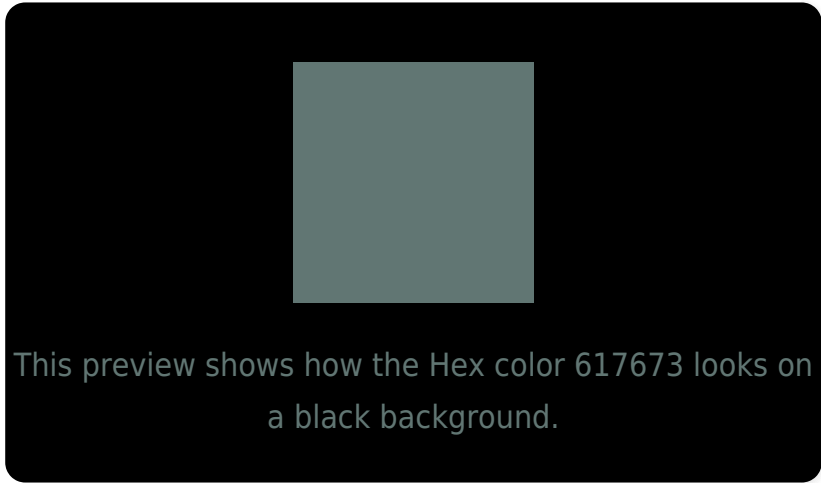
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

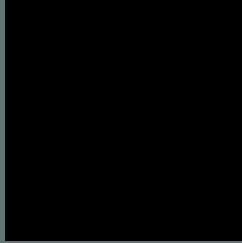
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 617673 Background



This preview shows how black text looks on a background with the Hex color 617673.



This preview shows how white text looks on a background with the Hex color 617673.

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
617673

Protanopia
747170

Deuteranopia
7B6E75



Tritanopia
63747E

Trichromacy



Original Color
617673

Protanomaly
6D7371

Deuteranomaly
727174

Tritanomaly
62757A

Monochromacy



Original Color
617673

Achromatopsia
6F6F6F

Achromatomaly
6A7270

CSS Examples

Text

The CSS property to change the color of the text to Hex 617673 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 #617673 looks like.

```
.text, #text, p{  
    color:#617673  
}
```

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 #617673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617673
}
```

Border

The CSS property to change the border of an element to Hex 617673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

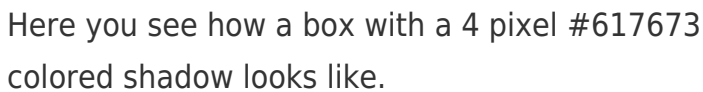
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617673 }
```

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

```
.border{ border-color:#617673 }
```

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



Here you see how a box with a 4 pixel #617673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617673; -webkit-box-shadow:4px 4px  
4px 4px #617673; box-shadow:4px 4px 4px  
4px #617673 }
```

Background

The CSS property to change the background color of an element to Hex 617673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617673 }
```

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

```
.background{ background-color:#617673 }
```

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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