

Converting Colors

Hex(617675)

Have a look what the booklet for
Hex(617675) contains.

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Color

Hex(617675)

Conversions

Conversions Part 1

Format	Color
Hex	617675
RGB	97, 118, 117
RGB Percent	38%, 46%, 46%
CMY	0.6196, 0.5373, 0.5412
CMYK	0.18, 0.00, 0.01, 0.54
HSL	177°, 10%, 42%
HSV	177°, 18%, 46%
XYZ	14.6191, 16.7826, 19.2985
YIQ	111.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

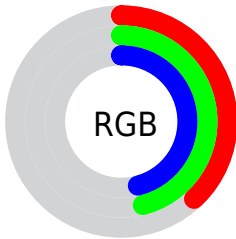
Format	Color
R_{YB}	97, 108, 118
Decimal	6387317
CIE _{Lab}	47.98, -7.90, -2.03
CIE _{LCh}	48, 8.158, 194.375
Yxy	16.7826, 0.2883, 0.3310
Android (android.graphics.Color)	4284577397 (0xFF617675)
YUV	111.6070, 2.6587, -12.8103
Hunter-Lab	40.9666, -7.9931, 0.7464

Details

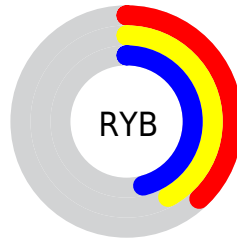
The Hex color **617675** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766162**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **94AAA9**, and **324645** is the 20% darker color. If you saturate the color by 10%, you get **557674**, and if you desaturate by 10%, it is **6D7676**.

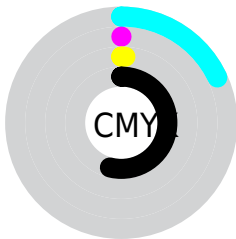
Distribution



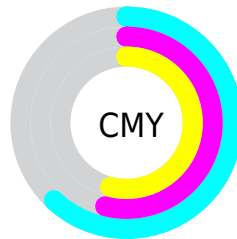
- Red (38%)
- Green (46%)
- Blue (46%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 617675 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 617675 by changing the saturation by 10% instead.

617675

617675

FFFFFF

495D5C

94AAA9

324645

AFC5C4

1C2F2F

CAE1E0

061B1A

E6FEFD

000000

617675

617675

557674

6D7676

497674

797676

3E7673

847677

■ 327673

■ 907677

■ 267672

■ 9C7678

■ 1A7672

■ A87678

■ 0E7671

■ B47679

■ 037671

■ BF7679

■ 007670

■ CB767A

Harmonies

Analogous

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



65766E



617675



62757B

Triad

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



617675



776F7C



7B7065

Complementary

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



617675



766162

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.



806E69



617675



7E6E76

Square

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



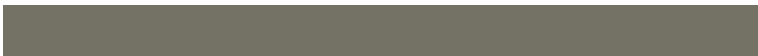
617675



6F717F



816D6F



747265

Rectangle

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



617675



64747E



816D6F



7D6F66

Sweetspot

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



617675



919999



627661



484D4C



CCCCCC



4D4D4D

Same Dimension

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



617675



799997



616D76



353B3A



007A75



00FAEE

Inverse Universe

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



766162



99797A



766A61



3B3535



7A0006



FA000C

Previews

White Background



This preview shows how the Hex color 617675 looks on a white background.

Color Contrast Check

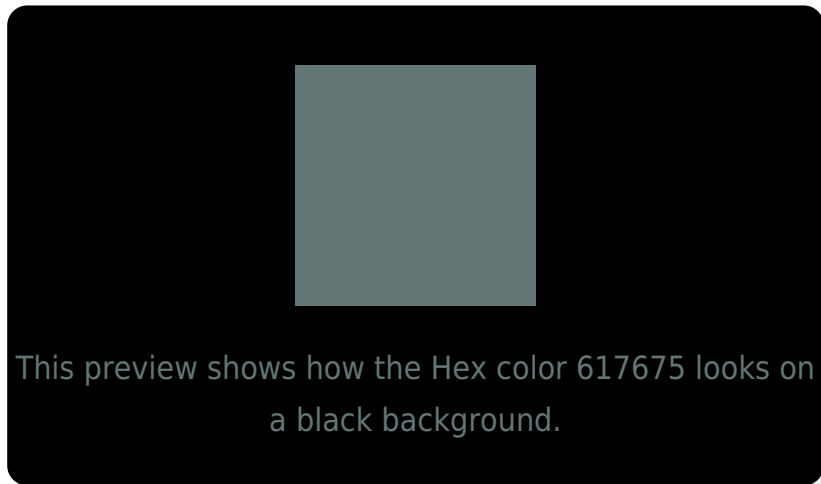
Large Text (above 18pt) WCAG AA ✓ Pass

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

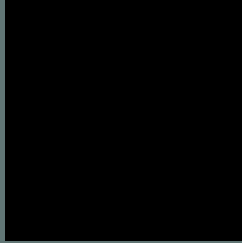
Any Text WCAG AA × Fail

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 617675 Background



This preview shows how black text looks on a background with the Hex color 617675.



This preview shows how white text looks on a background with the Hex color 617675.

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
617675

Protanopia
737172

Deuteranopia
7A6E77



Tritanopia
63757E

Trichromacy



Original Color
617675

Protanomaly
6C7373

Deuteranomaly
717176

Tritanomaly
62757B

Monochromacy



Original Color
617675

Achromatopsia
707070

Achromatomaly
6B7272

CSS Examples

Text

The CSS property to change the color of the text to Hex 617675 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 #617675 looks like.

```
.text, #text, p{  
    color:#617675  
}
```

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 #617675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617675
}
```

Border

The CSS property to change the border of an element to Hex 617675 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
#617675 }
```

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

```
.border{ border-color:#617675 }
```

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

Here you see how a box with a 4 pixel #617675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617675; -webkit-box-shadow:4px 4px  
4px 4px #617675; box-shadow:4px 4px 4px  
4px #617675 }
```

Background

The CSS property to change the background color of an element to Hex 617675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617675 }
```

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

```
.background{ background-color:#617675 }
```

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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