

Converting Colors

Hex(617666)

Have a look what the booklet for
Hex(617666) contains.

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Color

Hex(617666)

Conversions

Conversions Part 1

Format	Color
Hex	617666
RGB	97, 118, 102
RGB Percent	38%, 46%, 40%
CMY	0.6196, 0.5373, 0.6000
CMYK	0.18, 0.00, 0.14, 0.54
HSL	134°, 10%, 42%
HSV	134°, 18%, 46%
XYZ	13.8065, 16.4576, 15.0193
YIQ	109.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

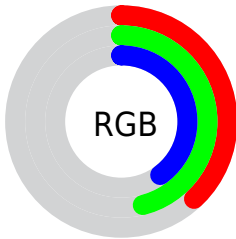
Format	Color
R_{YB}	97, 114, 118
Decimal	6387302
CIE _{Lab}	47.57, -11.17, 6.26
CIE _{LCh}	48, 12.806, 150.715
Yxy	16.4576, 0.3049, 0.3634
Android (android.graphics.Color)	4284577382 (0xFF617666)
YUV	109.8970, -3.8932, -11.3107
Hunter-Lab	40.5679, -10.2450, 6.4468

Details

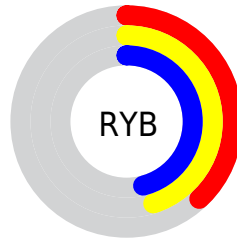
The Hex color **617666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766171**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **94AA99**, and **324637** is the 20% darker color. If you saturate the color by 10%, you get **55765D**, and if you desaturate by 10%, it is **6D766F**.

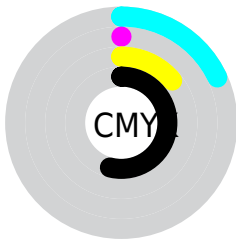
Distribution



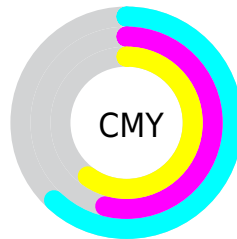
- Red (38%)
- Green (46%)
- Blue (40%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617666 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 617666 by changing the saturation by 10% instead.

617666

617666

FFFFFF

495D4E

94AA99

324637

AFC5B4

1D2F22

CAE1CF

061B0C

E6FEEB

000000

617666

617666

55765D

6D766F

497654

797678

3E764B

847681

■ 327642

■ 90768A

■ 267639

■ 9C7693

■ 1A7630

■ A8769C

■ 0E7627

■ B476A5

■ 03761E

■ BF76AE

■ 00761C

■ CB76B7

Harmonies

Analogous

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



6D745E



617666



577771

Triad

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



617666



657286



876A66

Complementary

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



617666



766171

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.



866971



617666



736E83

Square

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



617666



597583



7F6B7C



826D5E

Rectangle

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



617666



547778



7F6B7C



886A6A

Sweetspot

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



617666



919993



717661



484D49



CCCCCC



4D4D4D

Same Dimension

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



617666



799981



617670



353B36



007A1D



00FA3C

Inverse Universe

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



766171



997991



766167



3B3539



7A005D



FA00BE

Previews

White Background



This preview shows how the Hex color 617666 looks on a white background.

Color Contrast Check

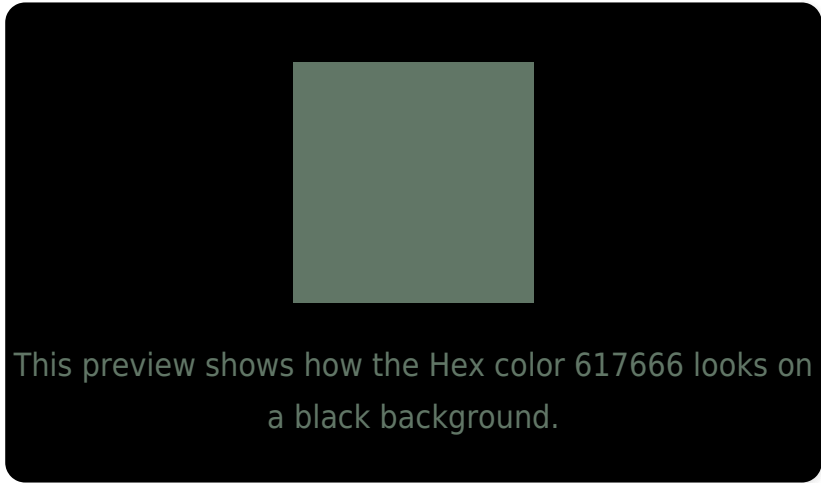
Large Text (above 18pt) WCAG AA ✓ Pass

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

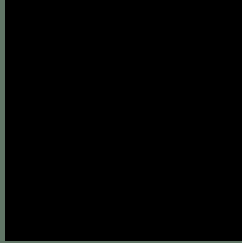
Any Text WCAG AA × Fail

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 617666 Background



This preview shows how black text looks on a background with the Hex color 617666.

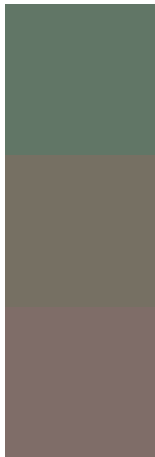


This preview shows how white text looks on a background with the Hex color 617666.

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
617666

Protanopia
767063

Deuteranopia
7F6D68



Tritanopia
65737C

Trichromacy



Original Color
617666

Protanomaly
6E7264

Deuteranomaly
747067

Tritanomaly
647474

Monochromacy



Original Color
617666

Achromatopsia
6E6E6E

Achromatomaly
69716B

CSS Examples

Text

The CSS property to change the color of the text to Hex 617666 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 #617666 looks like.

```
.text, #text, p{  
    color:#617666  
}
```

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 #617666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617666
}
```

Border

The CSS property to change the border of an element to Hex 617666 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".

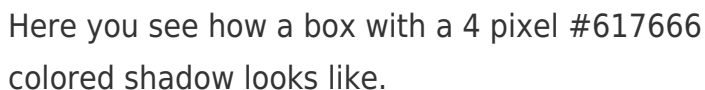
```
.border, #border, table{ border:4px solid
#617666 }
```

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

```
.border{ border-color:#617666 }
```

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

Here you see how a box with a 4 pixel #617666 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617666; -webkit-box-shadow:4px 4px  
4px 4px #617666; box-shadow:4px 4px 4px  
4px #617666 }
```

Background

The CSS property to change the background color of an element to Hex 617666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617666 }
```

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

```
.background{ background-color:#617666 }
```

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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