

# Converting Colors

Hex(617764)

Have a look what the booklet for  
Hex(617764) contains.

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# Color

**Hex(617764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	617764
RGB	97, 119, 100
RGB Percent	38%, 47%, 39%
CMY	0.6196, 0.5333, 0.6078
CMYK	0.18, 0.00, 0.16, 0.53
HSL	128°, 10%, 42%
HSV	128°, 18%, 47%
XYZ	13.8268, 16.6551, 14.5426
YIQ	110.2560, -7.0130, -10.5730

# Conversions

## Conversions Part 2

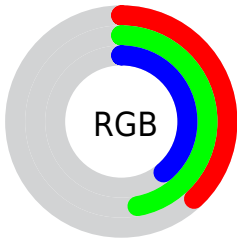
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 116, 119
Decimal	6387556
CIE <sub>Lab</sub>	47.82, -12.13, 7.81
CIE <sub>LCh</sub>	48, 14.426, 147.242
Yxy	16.6551, 0.3071, 0.3699
Android (android.graphics.Color)	4284577636 (0xFF617764)
YUV	110.2560, -5.0562, -11.6255
Hunter-Lab	40.8107, -10.9422, 7.4399

# Details

The Hex color **617764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776174**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **94AB97**, and **324735** is the 20% darker color. If you saturate the color by 10%, you get **55775A**, and if you desaturate by 10%, it is **6D776E**.

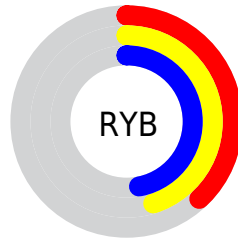
# Distribution



Red (38%)

Green (47%)

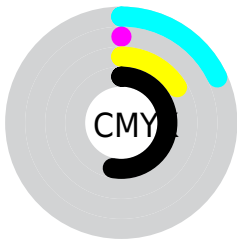
Blue (39%)



Red (38%)

Yellow (45%)

Blue (47%)

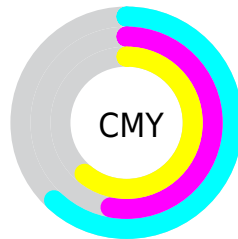


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617764 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 617764 by changing the saturation by 10% instead.



617764

617764

FFFFFF

495E4C

94AB97

324735

AFC7B2

1D3020

CAE3CD

061C09

E6FFE9

000000

617764

617764

55775A

6D776E

49774F

797779

3D7745

857783

■ 31773B

■ 91778D

■ 257731

■ 9C7797

■ 1A7726

■ A877A2

■ 0E771C

■ B477AC

■ 027712

■ C077B6

■ 007710

■ CC77C0

# Harmonies

## Analogous

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



6F745C



617764



557870

# Triad

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



617764



627389



8B6A67

# Complementary

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



617764



776174

# 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.



896973



617764



726F87

# Square

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



617764



557685



806B7F



866C5D

# Rectangle

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



617764



517878



806B7F



8B696B



# Sweetspot

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



617764



929C93



747761



4A4F4A



CFCFCF



4F4F4F



# Same Dimension

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



617764



799C7E



61776F



353B36



007A11



00FA22



# Inverse Universe

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



776174



9C7997



776169



3B353A



7A006A



FA00D8



# Previews

## White Background



This preview shows how the Hex color 617764 looks on a white background.

## Color Contrast Check

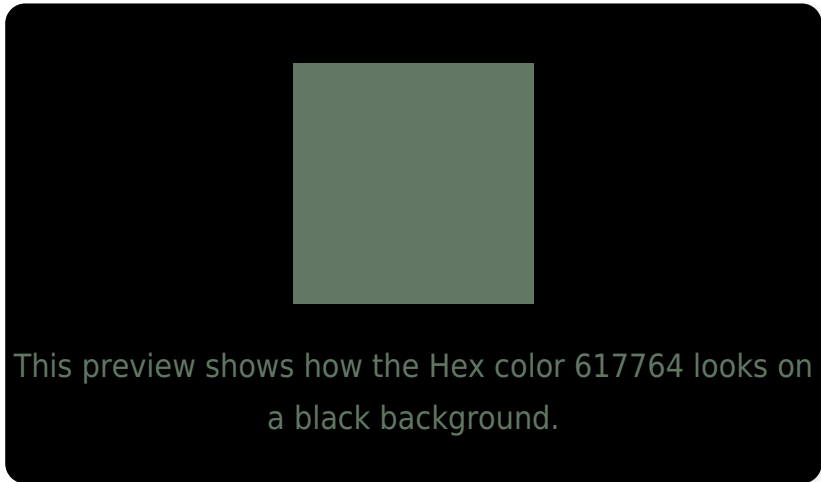
Large Text (above 18pt) WCAG AA ✓ Pass

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

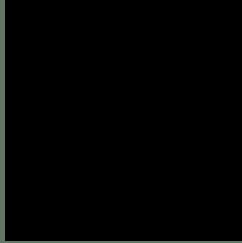
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

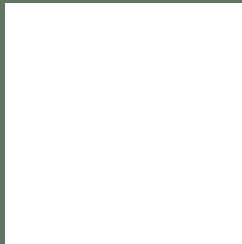
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 617764 Background



This preview shows how black text looks on a background with the Hex color 617764.

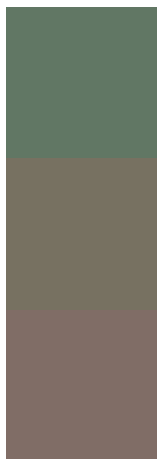


This preview shows how white text looks on a background with the Hex color 617764.

# 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**  
617764

**Protanopia**  
777161

**Deuteranopia**  
806D66



**Tritanopia**  
65747D

# Trichromacy



**Original Color**  
617764

**Protanomaly**  
6F7362

**Deuteranomaly**  
757165

**Tritanomaly**  
647574

# Monochromacy



**Original Color**  
617764

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
69716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617764 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 #617764 looks like.

```
.text, #text, p{  
    color:#617764  
}
```

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 #617764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617764
}
```

## Border

The CSS property to change the border of an element to Hex 617764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

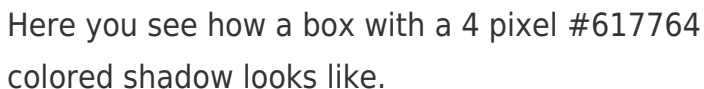
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617764 }
```

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

```
.border{ border-color:#617764 }
```

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



Here you see how a box with a 4 pixel #617764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617764; -webkit-box-shadow:4px 4px  
4px 4px #617764; box-shadow:4px 4px 4px  
4px #617764 }
```

# Background

The CSS property to change the background color of an element to Hex 617764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617764 }
```

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

```
.background{ background-color:#617764 }
```

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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