

# Converting Colors

Hex(617563)

Have a look what the booklet for  
Hex(617563) contains.

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# Color

Hex(617563)

# Conversions

## Conversions Part 1

Format	Color
Hex	617563
RGB	97, 117, 99
RGB Percent	38%, 46%, 39%
CMY	0.6196, 0.5412, 0.6118
CMYK	0.17, 0.00, 0.15, 0.54
HSL	126°, 9%, 42%
HSV	126°, 17%, 46%
XYZ	13.5432, 16.1648, 14.2107
YIQ	108.9680, -6.1420, -9.8380

# Conversions

## Conversions Part 2

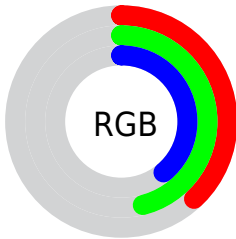
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 115, 117
Decimal	6387043
CIELab	47.19, -11.22, 7.50
CIElCh	47, 13.492, 146.233
Yxy	16.1648, 0.3084, 0.3681
Android (android.graphics.Color)	4284577123 (0xFF617563)
YUV	108.9680, -4.9142, -10.4959
Hunter-Lab	40.2055, -10.2321, 7.1877

# Details

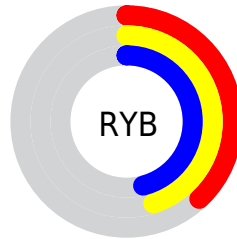
The Hex color **617563** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756173**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **94A996**, and **324534** is the 20% darker color. If you saturate the color by 10%, you get **557558**, and if you desaturate by 10%, it is **6D756E**.

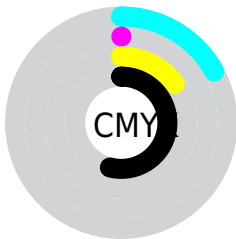
# Distribution



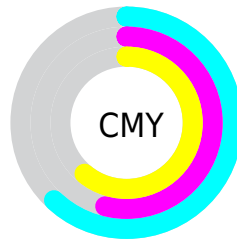
- Red (38%)
- Green (46%)
- Blue (39%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617563 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 617563 by changing the saturation by 10% instead.



617563

617563

FFFFFF

495C4B

94A996

324534

AFC4B0

1D2E1F

CAE0CC

061A07

E6FDE8

000000

617563

617563

557558

6D756E

4A754E

787578

3E7543

847583

■ 327539

■ 90758D

■ 27752E

■ 9C7598

■ 1B7524

■ A775A2

■ 0F7519

■ B375AD

■ 03750F

■ BF75B7

■ 00750C

■ CA75C2

# Harmonies

## Analogous

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



6E725B



617563



56766E

# Triad

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



617563



617186



886866

# Complementary

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



617563



756173

# 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.



866872



617563



706D84

# Square

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



617563



557482



7D6A7D



836B5D

# Rectangle

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



617563



527676



7D6A7D



88686A



# Sweetspot

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



617563



919992



737561



484D48



CCCCCC



4D4D4D



# Same Dimension

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



617563



79997C



61756D



353B35



007A0C



00FA19



# Inverse Universe

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



756173



997996



756169



3B353A



7A006E

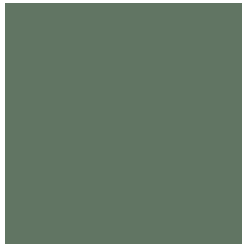


FA00E1



# Previews

## White Background



This preview shows how the Hex color 617563 looks on a white background.

## Color Contrast Check

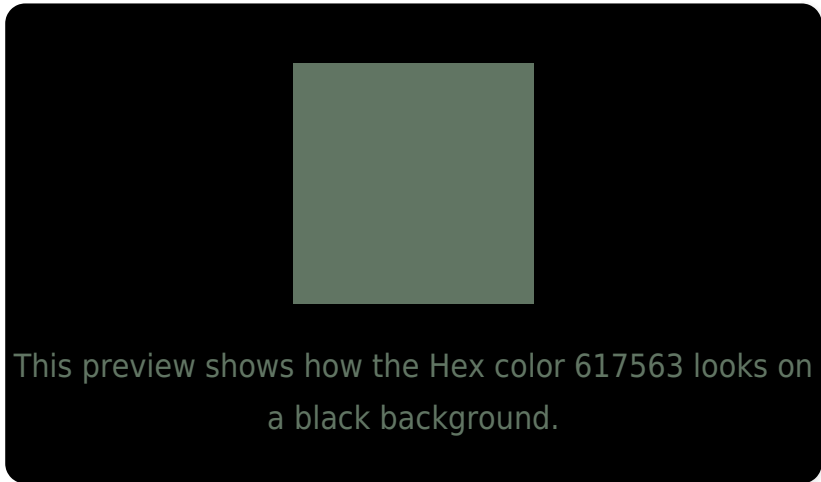
Large Text (above 18pt) WCAG AA ✓ Pass

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

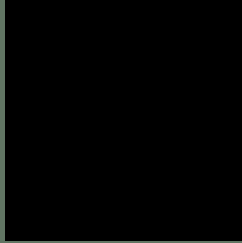
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

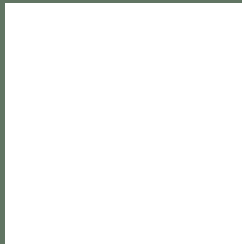
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 617563 Background



This preview shows how black text looks on a background with the Hex color 617563.

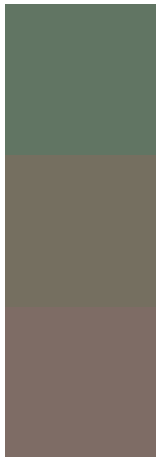


This preview shows how white text looks on a background with the Hex color 617563.

# 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**  
617563

**Protanopia**  
756F60

**Deuteranopia**  
7E6C65



**Tritanopia**  
65727B

# Trichromacy



**Original Color**  
617563

**Protanomaly**  
6E7161

**Deuteranomaly**  
736F64

**Tritanomaly**  
647372

# Monochromacy



**Original Color**  
617563

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
697069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617563 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 #617563 looks like.

```
.text, #text, p{  
    color:#617563  
}
```

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 #617563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617563  
}
```

## Border

The CSS property to change the border of an element to Hex 617563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

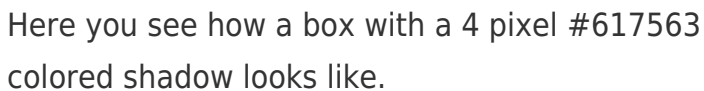
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#617563 }
```

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

```
.border{ border-color:#617563 }
```

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



Here you see how a box with a 4 pixel #617563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617563; -webkit-box-shadow:4px 4px  
4px 4px #617563; box-shadow:4px 4px 4px  
4px #617563 }
```

# Background

The CSS property to change the background color of an element to Hex 617563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617563 }
```

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

```
.background{ background-color:#617563 }
```

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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