

# Converting Colors

Hex(617752)

Have a look what the booklet for  
Hex(617752) contains.

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# Color

Hex(617752)

# Conversions

## Conversions Part 1

Format	Color
Hex	617752
RGB	97, 119, 82
RGB Percent	38%, 47%, 32%
CMY	0.6196, 0.5333, 0.6784
CMYK	0.18, 0.00, 0.31, 0.53
HSL	96°, 18%, 39%
HSV	96°, 31%, 47%
XYZ	13.0496, 16.3442, 10.4496
YIQ	108.2040, -1.2350, -16.1710

# Conversions

## Conversions Part 2

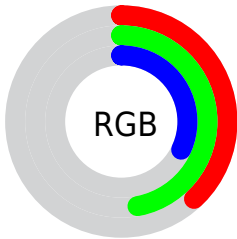
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 119, 104
Decimal	6387538
CIE <sub>Lab</sub>	47.42, -15.43, 17.78
CIE <sub>LCh</sub>	47, 23.545, 130.953
Yxy	16.3442, 0.3275, 0.4102
Android (android.graphics.Color)	4284577618 (0xFF617752)
YUV	108.2040, -12.9186, -9.8259
Hunter-Lab	40.4280, -13.1318, 12.9746

# Details

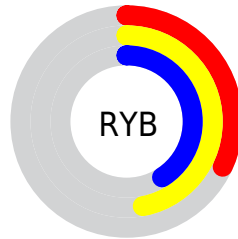
The Hex color **617752** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **685277**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **94AB84**, and **324725** is the 20% darker color. If you saturate the color by 10%, you get **5A7746**, and if you desaturate by 10%, it is **68775E**.

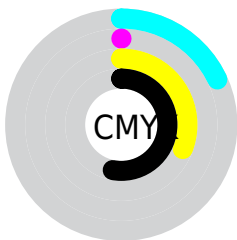
# Distribution



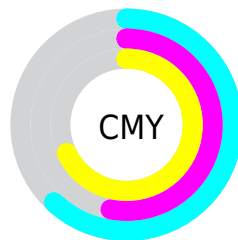
- Red (38%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (41%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)




- Cyan (62%)
- Magenta (53%)
- Yellow (68%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 617752 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 617752 by changing the saturation by 10% instead.



 617752

 617752

FFFFFFF

 495E3B

 94AB84

 324725

 AFC79E

 1C3010


 CAE3B9


 021C00

 E7FFD5

 000000

 FFFFFF1

 617752

 617752

 5A7746

 68775E

 53773A

 6F776A

■ 4C772E

■ 767776

■ 457722

■ 7D7782

■ 3E7717

■ 84778D

■ 37770B

■ 8B7799

■ 307700

■ 9377A5

■ 9A77B1

■ A177BD

# Harmonies

## Analogous

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



777249



617752



4A7A63

# Triad

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



617752



437695



98626A

# Complementary

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



617752



685277

# 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.



8F637E



617752



617097

# Square

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



617752



2F7A8A



7C698E



956557

# Rectangle

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



617752



3B7B70



7C698E



966271



# Sweetspot

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



617752



939C8E



776852



4A4F46



CFCFCF



4F4F4F



# Same Dimension

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



617752



799C62



527755



373B35



327A00



65FA00



# Inverse Universe

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



685277



84629C



775274



38353B



49007A

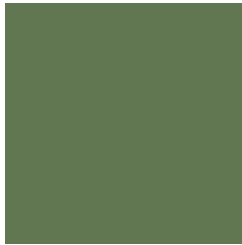


9500FA



# Previews

## White Background



This preview shows how the Hex color 617752 looks on a white background.

## Color Contrast Check

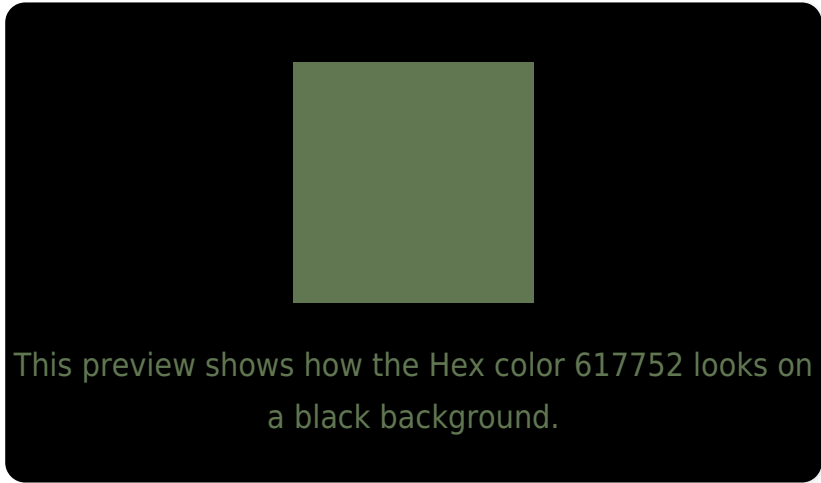
Large Text (above 18pt) WCAG AA ✓ Pass

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

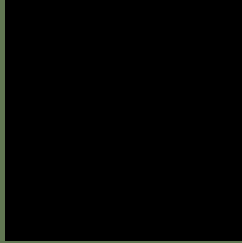
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 617752 Background



This preview shows how black text looks on a background with the Hex color 617752.



This preview shows how white text looks on a background with the Hex color 617752.

# 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**  
617752

**Protanopia**  
79704F

**Deuteranopia**  
846C54



**Tritanopia**  
67727B

# Trichromacy



**Original Color**  
617752

**Protanomaly**  
707350

**Deuteranomaly**  
777053

**Tritanomaly**  
65746C

# Monochromacy



**Original Color**  
617752

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
687063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617752 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 #617752 looks like.

```
.text, #text, p{  
    color:#617752  
}
```

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 #617752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617752
}
```

## Border

The CSS property to change the border of an element to Hex 617752 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
#617752 }
```

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

```
.border{ border-color:#617752 }
```

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

Here you see how a box with a 4 pixel #617752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617752; -webkit-box-shadow:4px 4px  
4px 4px #617752; box-shadow:4px 4px 4px  
4px #617752 }
```

# Background

The CSS property to change the background color of an element to Hex 617752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617752 }
```

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

```
.background{ background-color:#617752 }
```

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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