

# Converting Colors

Hex(617658)

Have a look what the booklet for  
Hex(617658) contains.

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# Color

**Hex(617658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	617658
RGB	97, 118, 88
RGB Percent	38%, 46%, 35%
CMY	0.6196, 0.5373, 0.6549
CMYK	0.18, 0.00, 0.25, 0.54
HSL	102°, 15%, 40%
HSV	102°, 25%, 46%
XYZ	13.1696, 16.2028, 11.6659
YIQ	108.3010, -2.8860, -13.7820

# Conversions

## Conversions Part 2

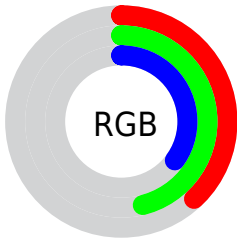
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 118, 109
Decimal	6387288
CIELab	47.24, -13.85, 14.04
CIELCh	47, 19.726, 134.610
Yxy	16.2028, 0.3209, 0.3948
Android (android.graphics.Color)	4284577368 (0xFF617658)
YUV	108.3010, -10.0084, -9.9110
Hunter-Lab	40.2527, -12.0418, 10.9938

# Details

The Hex color **617658** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6D5876**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **94AA8A**, and **32462A** is the 20% darker color. If you saturate the color by 10%, you get **59764C**, and if you desaturate by 10%, it is **697664**.

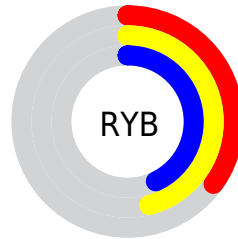
# Distribution



Red (38%)

Green (46%)

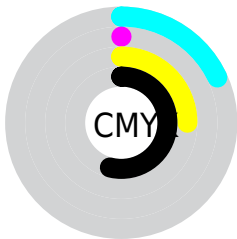
Blue (35%)



Red (35%)

Yellow (46%)

Blue (43%)

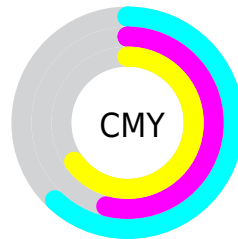


Cyan (18%)

Magenta (0%)

Yellow (25%)

Black (54%)



Cyan (62%)

Magenta (54%)


Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617658 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 617658 by changing the saturation by 10% instead.



 617658

 617658

FFFFFFF

 495D41

 94AA8A

 32462A

 AFC5A4

 1C2F16

 CAE2C0

 051B00

 E6FEDB

 000000

 FFFFF8

 617658

 617658

 59764C

 697664

 507640

 727670

■ 487635

■ 7A767B

■ 407629

■ 827687

■ 38761D

■ 8A7693

■ 2F7611

■ 93769F

■ 277605

■ 9B76AB

■ 237600

■ A376B6

■ AB76C2

# Harmonies

## Analogous

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



747250



617658



4E7967

# Triad

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



617658



507490



926468

# Complementary

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



617658



6D5876

# 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.



8C6579



617658



676F90

# Square

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



617658



407887



7D6988



8F6759

# Rectangle

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



617658



447972



7D6988



91646E



# Sweetspot

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



617658



90998D



766D58



474D45



CCCCCC



4D4D4D



# Same Dimension

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



617658



78996A



58765E



373B35



257A00



4BFA00



# Inverse Universe

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



6D5876



8B6A99



765870



39353B



56007A



AF00FA



# Previews

## White Background



This preview shows how the Hex color 617658 looks on a white background.

## Color Contrast Check

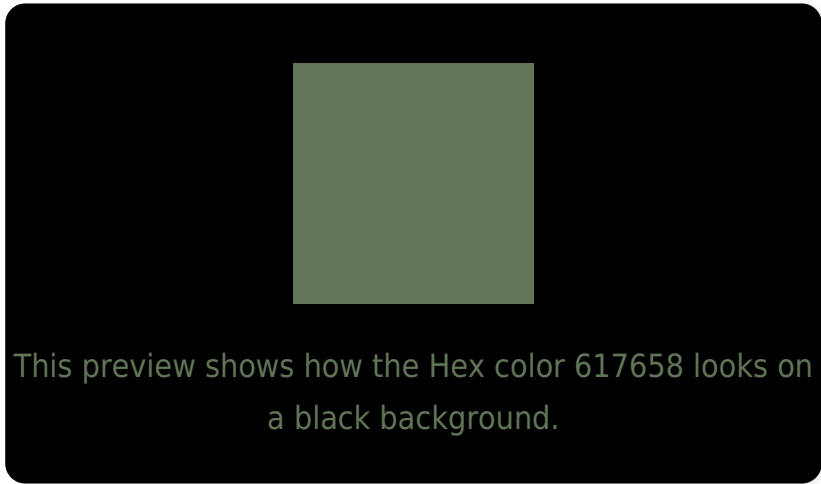
Large Text (above 18pt) WCAG AA ✓ Pass

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

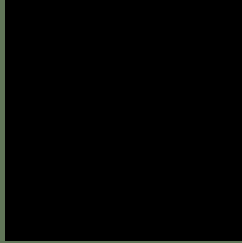
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 617658 Background



This preview shows how black text looks on a background with the Hex color 617658.



This preview shows how white text looks on a background with the Hex color 617658.

# 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**  
617658

**Protanopia**  
777055

**Deuteranopia**  
826B5A



**Tritanopia**  
66717A

# Trichromacy



**Original Color**  
617658

**Protanomaly**  
6F7256

**Deuteranomaly**  
766F59

**Tritanomaly**  
64736E

# Monochromacy



**Original Color**  
617658

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
687065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617658 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 #617658 looks like.

```
.text, #text, p{  
    color:#617658  
}
```

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 #617658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617658
}
```

## Border

The CSS property to change the border of an element to Hex 617658 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
#617658 }
```

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

```
.border{ border-color:#617658 }
```

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

Here you see how a box with a 4 pixel #617658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617658; -webkit-box-shadow:4px 4px  
4px 4px #617658; box-shadow:4px 4px 4px  
4px #617658 }
```

# Background

The CSS property to change the background color of an element to Hex 617658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617658 }
```

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

```
.background{ background-color:#617658 }
```

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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