

Converting Colors

Hex(617700)

Have a look what the booklet for
Hex(617700) contains.

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Color

Hex(617700)

Conversions

Conversions Part 1

Format	Color
Hex	617700
RGB	97, 119, 0
RGB Percent	38%, 47%, 0%
CMY	0.6196, 0.5333, 1.0000
CMYK	0.18, 0.00, 1.00, 0.53
HSL	71°, 100%, 23%
HSV	71°, 100%, 47%
XYZ	11.5266, 15.7350, 2.4297
YIQ	98.8560, 25.0870, -41.6730

Conversions

Conversions Part 2

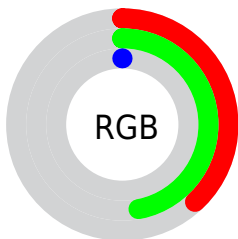
Format	Color
RYB	0, 119, 22
Decimal	6387456
CIELab	46.62, -22.45, 51.67
CIELCh	47, 56.332, 113.481
Yxy	15.7350, 0.3882, 0.5300
Android (android.graphics.Color)	4284577536 (0xFF617700)
YUV	98.8560, -48.7360, -1.6277
Hunter-Lab	39.6674, -17.5493, 24.1356

Details

The Hex color **617700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160077**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **97AB3F**, and **2E4700** is the 20% darker color. If you saturate the color by 10%, you get **617700**, and if you desaturate by 10%, it is **63770C**.

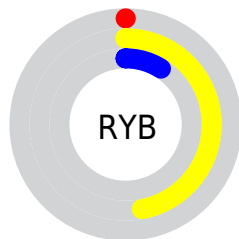
Distribution



Red (38%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (9%)

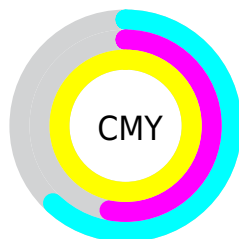


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (62%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617700 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 617700 by changing the saturation by 10% instead.

 617700

 617700

FFFFFF

 475E00

 97AB3F

 2E4700

 B3C759

 133000

 CFE373

 001D00


 ECFF8E

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 617700

 63770C

 657718

 687724

 6A7730

 6C773B

 6E7747

 707753

 73775F

 75776B

Harmonies

Analogous

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



8E6900



617700



197F32

Triad

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



617700



0081BA



BD3E7B

Complementary

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



617700



160077

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.



9D50A7



617700



0077CD

Square

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



617700



008493



5866C6



C1414C

Rectangle

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



617700



008352



5866C6



B6438B

Sweetspot

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



617700



939C6D



771600



4A4F33



CFCFCF



4F4F4F

Same Dimension

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



617700



7F9C00



267700



3A3B35



647A00



CCFA00

Inverse Universe

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



160077



1D009C



510077



36353B



17007A



2E00FA

Previews

White Background



This preview shows how the Hex color 617700 looks on a white background.

Color Contrast Check

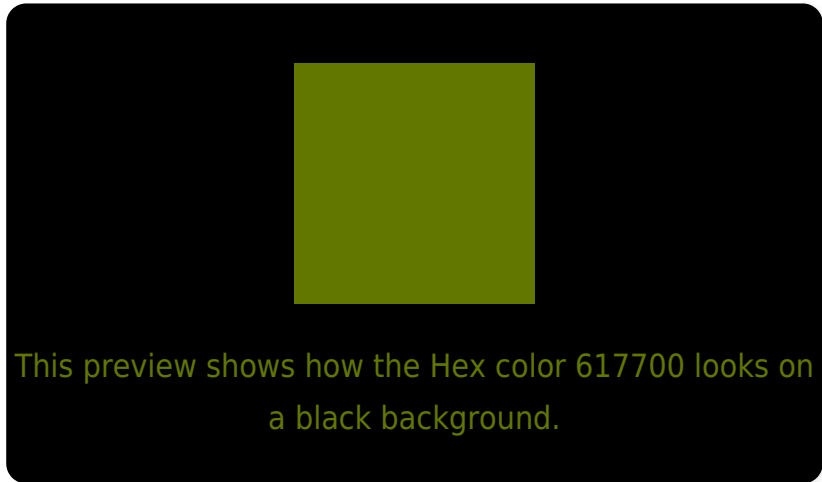
Large Text (above 18pt) WCAG AA ✓ Pass

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

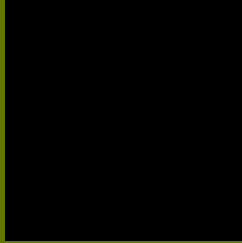
Any Text WCAG AA × Fail

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 617700 Background



This preview shows how black text looks on a background with the Hex color 617700.



This preview shows how white text looks on a background with the Hex color 617700.

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
617700

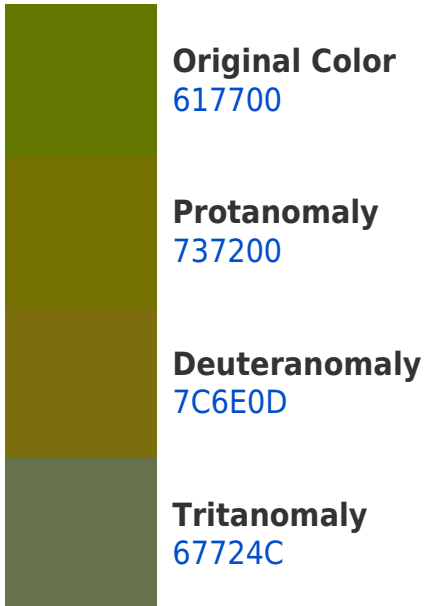
Protanopia
7D6F00

Deuteranopia
8B6915



Tritanopia
6B6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617700 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 #617700 looks like.

```
.text, #text, p{  
    color:#617700  
}
```

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 #617700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617700
}
```

Border

The CSS property to change the border of an element to Hex 617700 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
#617700 }
```

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

```
.border{ border-color:#617700 }
```

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

Here you see how a box with a 4 pixel #617700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617700; -webkit-box-shadow:4px 4px  
4px 4px #617700; box-shadow:4px 4px 4px  
4px #617700 }
```

Background

The CSS property to change the background color of an element to Hex 617700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617700 }
```

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

```
.background{ background-color:#617700 }
```

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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