

# Converting Colors

Hex(317725)

Have a look what the booklet for  
Hex(317725) contains.

|                                                |    |
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**Color**

**Hex(317725)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 317725                      |
| RGB           | 49, 119, 37                 |
| RGB Percent   | 19%, 47%, 15%               |
| CMY           | 0.8078, 0.5333, 0.8549      |
| CMYK          | 0.59, 0.00, 0.69, 0.53      |
| HSL           | 111°, 53%, 31%              |
| HSV           | 111°, 69%, 47%              |
| XYZ           | 8.1974, 13.9802, 4.0167     |
| YIQ           | 88.7220, -15.3980, -40.3420 |

# Conversions

## Conversions Part 2

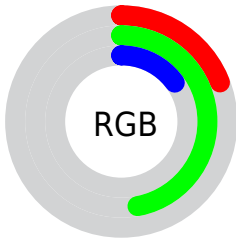
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 37, 119, 107                   |
| Decimal                             | 3241765                        |
| CIELab                              | 44.20, -38.59, 37.22           |
| CIELCh                              | 44, 53.618, 136.035            |
| Yxy                                 | 13.9802, 0.3129,<br>0.5337     |
| Android<br>(android.graphics.Color) | 4281431845<br>(0xFF317725)     |
| YUV                                 | 88.7220, -25.4989,<br>-34.8362 |
| Hunter-Lab                          | 37.3901, -26.2985,<br>19.8038  |

# Details

The Hex color **317725** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B2577**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **67AC56**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **277719**, and if you desaturate by 10%, it is **3B7731**.

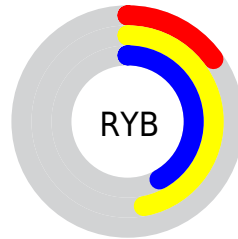
# Distribution



Red (19%)

Green (47%)

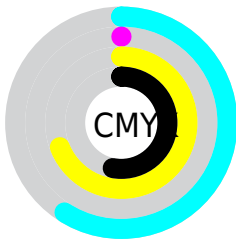
Blue (15%)



Red (15%)

Yellow (47%)

Blue (42%)

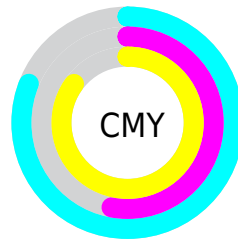


Cyan (59%)

Magenta (0%)

Yellow (69%)

Black (53%)



Cyan (81%)

Magenta (53%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 317725 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 317725 by changing the saturation by 10% instead.





317725



317725

FFFFFF



115E0A



67AC56



004500



82C86F



002E00



9DE48A



001700



BAFFA4



000000



D6FFC0



F3FFDC



FFFFFF9



317725



317725

■ 277719

■ 3B7731

■ 1D770D

■ 45773D

■ 137701

■ 4F7749

■ 117700

■ 5A7755

■ 647761

■ 6E776C

■ 787778

■ 827784

■ 8C7790

# Harmonies

## Analogous

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



676E00



317725



007C51

# Triad

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



317725



0074BF



B83C53

# Complementary

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



317725



6B2577

# 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.



AE3E7F



317725



3865BF

# Square

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



317725



007BA8



8851A7



AC4C29

# Rectangle

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



317725



007D71



8851A7



B73A61



# Sweetspot

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



317725



809C7B



776B25



3E4F3B



CFCFCF



4F4F4F



# Same Dimension

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



317725



2D9C1A



257742



363B35



127A00



25FA00



# Inverse Universe

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



6B2577



891A9C



77255A



3A353B



68007A



D500FA



# Previews

## White Background



This preview shows how the Hex color 317725 looks on a white background.

## Color Contrast Check

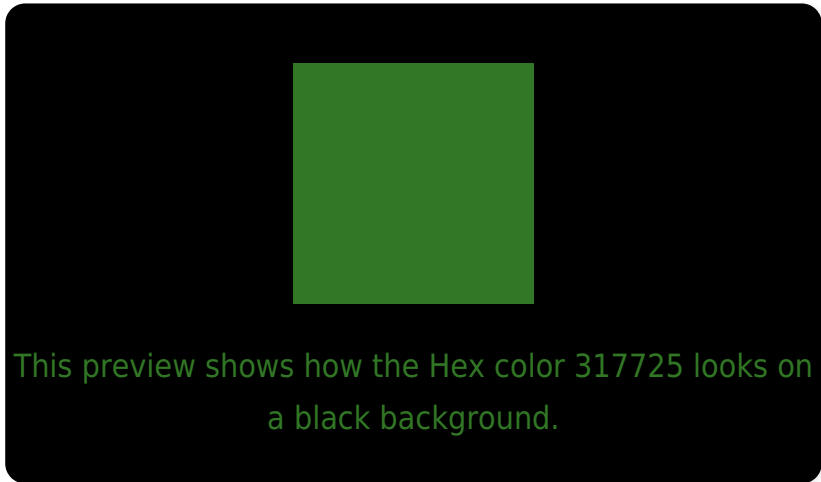
Large Text (above 18pt) WCAG AA ✓ Pass

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

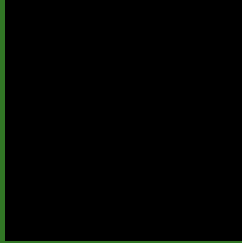
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 317725 Background



This preview shows how black text looks on a background with the Hex color 317725.



This preview shows how white text looks on a background with the Hex color 317725.

# 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**  
317725

**Protanopia**  
746821

**Deuteranopia**  
81632C



**Tritanopia**  
436F78

# Trichromacy



**Original Color**  
317725

**Protanomaly**  
5C6D22

**Deuteranomaly**  
646A29

**Tritanomaly**  
3C725A

# Monochromacy



**Original Color**  
317725

**Achromatopsia**  
595959

**Achromatomaly**  
4A6446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 317725 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 #317725 looks like.

```
.text, #text, p{  
    color:#317725  
}
```

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 #317725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317725
}
```

## Border

The CSS property to change the border of an element to Hex 317725 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
#317725 }
```

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

```
.border{ border-color:#317725 }
```

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

Here you see how a box with a 4 pixel #317725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317725; -webkit-box-shadow:4px 4px  
4px 4px #317725; box-shadow:4px 4px 4px  
4px #317725 }
```

# Background

The CSS property to change the background color of an element to Hex 317725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317725 }
```

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

```
.background{ background-color:#317725 }
```

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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