

Converting Colors

Hex(317635)

Have a look what the booklet for
Hex(317635) contains.

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Color

Hex(317635)

Conversions

Conversions Part 1

Format	Color
Hex	317635
RGB	49, 118, 53
RGB Percent	19%, 46%, 21%
CMY	0.8078, 0.5373, 0.7922
CMYK	0.58, 0.00, 0.55, 0.54
HSL	123°, 41%, 33%
HSV	123°, 58%, 46%
XYZ	8.3877, 13.8669, 5.6027
YIQ	89.9590, -20.2590, -34.8430

Conversions

Conversions Part 2

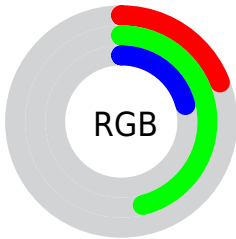
Format	Color
R_{YB}	49, 114, 118
Decimal	3241525
CIE _{Lab}	44.04, -36.19, 29.13
CIE _{LCh}	44, 46.460, 141.170
Yxy	13.8669, 0.3011, 0.4978
Android (android.graphics.Color)	4281431605 (0xFF317635)
YUV	89.9590, -18.2208, -35.9210
Hunter-Lab	37.2383, -24.9611, 17.1463

Details

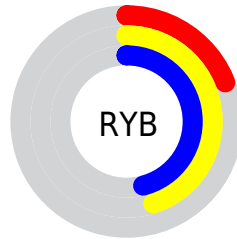
The Hex color **317635** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **763172**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **66AB65**, and **004506** is the 20% darker color. If you saturate the color by 10%, you get **25762A**, and if you desaturate by 10%, it is **3D7640**.

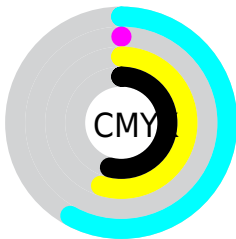
Distribution



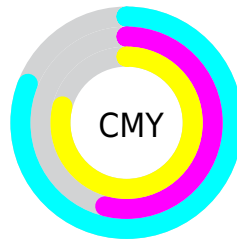
- Red (19%)
- Green (46%)
- Blue (21%)



- Red (19%)
- Yellow (45%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (54%)




- Cyan (81%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317635 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 317635 by changing the saturation by 10% instead.

 317635

 317635

FFFFFF

 135D1E

 66AB65

 004506

 81C67F

 002E00

 9CE399


 001700

 B8FFB4

 000000

 D4FFD0

 F1FFEC

 317635

 317635

 25762A

 3D7640

■ 19761F

■ 49764B

■ 0E7614

■ 547656

■ 027609

■ 607661

■ 007607

■ 6C766D

■ 787678

■ 847683

■ 8F768E

■ 9B7699

Harmonies

Analogous

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



626E18



317635



007A5B

Triad

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



317635



0070B4



AE464F

Complementary

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



317635



763172

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.



A84575



317635



5463B0

Square

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



317635



0078A4



8C5299



A1532D

Rectangle

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



317635



007B76



8C5299



AE445B

Sweetspot

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



317635



7D997F



737631



3C4D3D



CCCCCC



4D4D4D

Same Dimension

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



317635



2E9934



317657



353B35



007A07



00FA0E

Inverse Universe

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



763172



992E93



763150



3B353A



7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 317635 looks on a white background.

Color Contrast Check

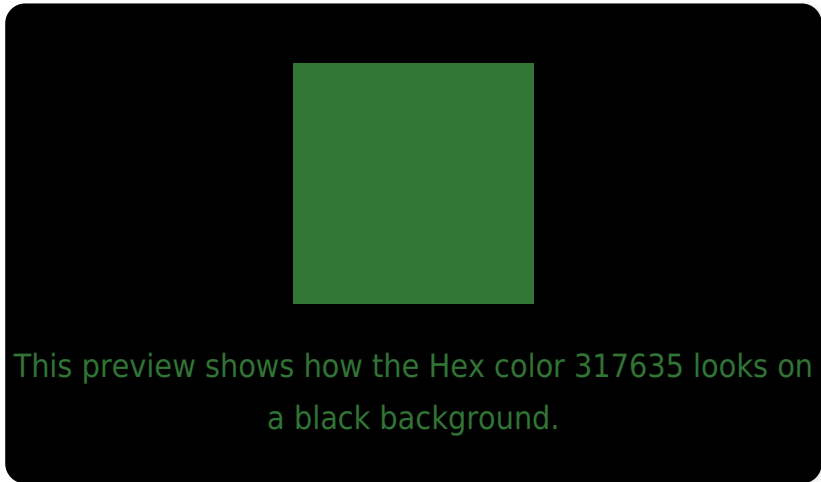
Large Text (above 18pt) WCAG AA ✓ Pass

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 317635 Background



This preview shows how black text looks on a background with the Hex color 317635.



This preview shows how white text looks on a background with the Hex color 317635.

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
317635

Protanopia
736830

Deuteranopia
7E633A



Tritanopia
416F78

Trichromacy



Original Color
317635

Protanomaly
5B6D32

Deuteranomaly
626A38

Tritanomaly
3B7260

Monochromacy



Original Color
317635

Achromatopsia
5A5A5A

Achromatomaly
4B644D

CSS Examples

Text

The CSS property to change the color of the text to Hex 317635 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 #317635 looks like.

```
.text, #text, p{  
    color:#317635  
}
```

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 #317635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317635
}
```

Border

The CSS property to change the border of an element to Hex 317635 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
#317635 }
```

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

```
.border{ border-color:#317635 }
```

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

Here you see how a box with a 4 pixel #317635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317635; -webkit-box-shadow:4px 4px  
4px 4px #317635; box-shadow:4px 4px 4px  
4px #317635 }
```

Background

The CSS property to change the background color of an element to Hex 317635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317635 }
```

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

```
.background{ background-color:#317635 }
```

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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