

Converting Colors

Hex(317035)

Have a look what the booklet for
Hex(317035) contains.

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Color

Hex(317035)

Conversions

Conversions Part 1

Format	Color
Hex	317035
RGB	49, 112, 53
RGB Percent	19%, 44%, 21%
CMY	0.8078, 0.5608, 0.7922
CMYK	0.56, 0.00, 0.53, 0.56
HSL	124°, 39%, 32%
HSV	124°, 56%, 44%
XYZ	7.7034, 12.4984, 5.3746
YIQ	86.4370, -18.6090, -31.7050

Conversions

Conversions Part 2

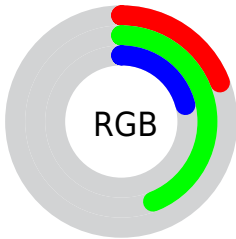
Format	Color
R_{YB}	49, 108, 112
Decimal	3239989
CIE _{Lab}	42.00, -33.61, 26.63
CIE _{LCh}	42, 42.880, 141.608
Yxy	12.4984, 0.3012, 0.4887
Android (android.graphics.Color)	4281430069 (0xFF317035)
YUV	86.4370, -16.4844, -32.8322
Hunter-Lab	35.3530, -22.9727, 15.7335

Details

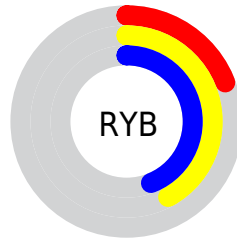
The Hex color **317035** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70316C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **65A465**, and **003F07** is the 20% darker color. If you saturate the color by 10%, you get **26702B**, and if you desaturate by 10%, it is **3C703F**.

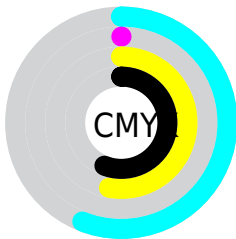
Distribution



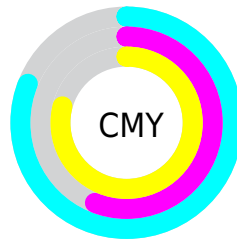
- Red (19%)
- Green (44%)
- Blue (21%)



- Red (19%)
- Yellow (42%)
- Blue (44%)



- Cyan (56%)
- Magenta (0%)
- Yellow (53%)
- Black (56%)




- Cyan (81%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317035 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 317035 by changing the saturation by 10% instead.

 317035

 317035

FFFFFF

 15571E

 65A465

 003F07

 7FC07E

 002900

 9BDC99


 000D00

 B6F9B4

 000000

 D2FFCF

 EFFFEC

 317035

 317035

 26702B

 3C703F

 1B7020

 47704A

 0F7016

 537054

 04700B

 5E705F

 007007

 697069

 747074

 7F707E

 8B7089

 967093

Harmonies

Analogous

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



5D691B



317035



007458

Triad

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



317035



006AA9



A3444B

Complementary

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



317035



70316C

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.



9E446F



317035



525EA5

Square

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



317035



00719A



844F8F



97502C

Rectangle

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



317035



007470



844F8F



A44357

Sweetspot

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



317035



79917A



6D7031



3B4A3C



C9C9C9



4A4A4A

Same Dimension

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



317035



2F9135



317054



323833



007808



00F710

Inverse Universe

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



70316C



912F8B



70314D



383238



780070



F700E8

Previews

White Background



This preview shows how the Hex color 317035 looks on a white background.

Color Contrast Check

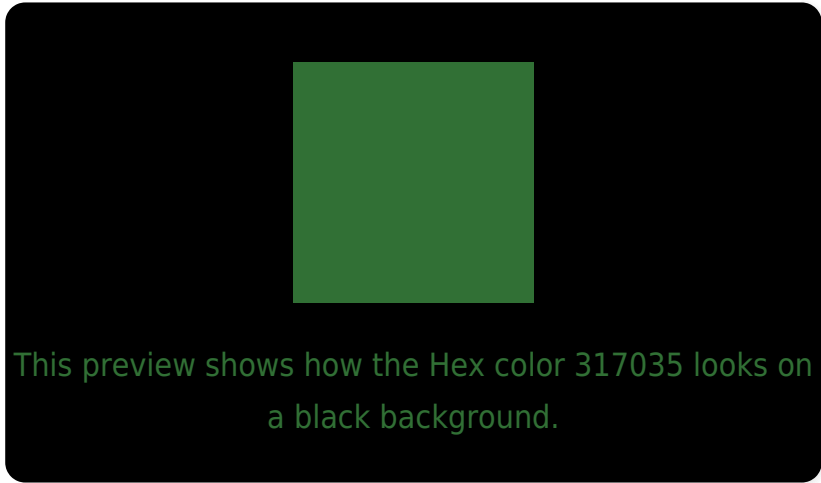
Large Text (above 18pt) WCAG AA ✓ Pass

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

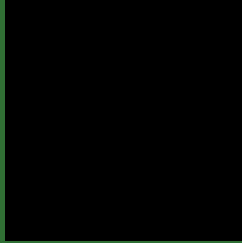
Any Text WCAG AA × Fail

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 317035 Background



This preview shows how black text looks on a background with the Hex color 317035.



This preview shows how white text looks on a background with the Hex color 317035.

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
317035

Protanopia
6D6331

Deuteranopia
785E3A



Tritanopia
3F6972

Trichromacy



Original Color
317035

Protanomaly
576832

Deuteranomaly
5E6538

Tritanomaly
3A6C5C

Monochromacy



Original Color
317035

Achromatopsia
565656

Achromatomaly
495F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 317035 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 #317035 looks like.

```
.text, #text, p{  
    color:#317035  
}
```

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 #317035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317035
}
```

Border

The CSS property to change the border of an element to Hex 317035 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
#317035 }
```

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

```
.border{ border-color:#317035 }
```

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

Here you see how a box with a 4 pixel #317035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317035; -webkit-box-shadow:4px 4px  
4px 4px #317035; box-shadow:4px 4px 4px  
4px #317035 }
```

Background

The CSS property to change the background color of an element to Hex 317035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317035 }
```

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

```
.background{ background-color:#317035 }
```

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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