

Converting Colors

Hex(317541)

Have a look what the booklet for
Hex(317541) contains.

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Color

Hex(317541)

Conversions

Conversions Part 1

Format	Color
Hex	317541
RGB	49, 117, 65
RGB Percent	19%, 46%, 25%
CMY	0.8078, 0.5412, 0.7451
CMYK	0.58, 0.00, 0.44, 0.54
HSL	134°, 41%, 33%
HSV	134°, 58%, 46%
XYZ	8.5820, 13.7572, 7.2041
YIQ	90.7400, -23.8360, -30.5880

Conversions

Conversions Part 2

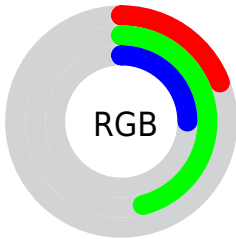
Format	Color
RYB	49, 104, 117
Decimal	3241281
CIELab	43.88, -33.80, 22.35
CIElCh	44, 40.525, 146.522
Yxy	13.7572, 0.2905, 0.4657
Android (android.graphics.Color)	4281431361 (0xFF317541)
YUV	90.7400, -12.6898, -36.6060
Hunter-Lab	37.0907, -23.6074, 14.4476

Details

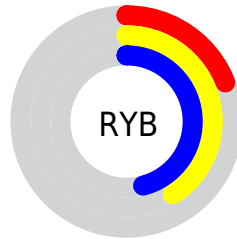
The Hex color **317541** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **753165**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **66AA72**, and **004414** is the 20% darker color. If you saturate the color by 10%, you get **257538**, and if you desaturate by 10%, it is **3D754A**.

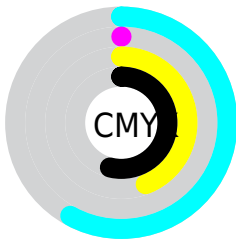
Distribution



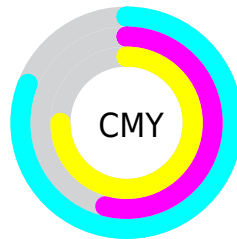
- Red (19%)
- Green (46%)
- Blue (25%)



- Red (19%)
- Yellow (41%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)




- Cyan (81%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317541 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 317541 by changing the saturation by 10% instead.

 317541

 317541

FFFFFF

 145C2A

 66AA72

 004414

 80C58B

 002D00

 9BE1A6


 001600

 B7FEC1

 000000

 D3FFDD

 F0FFFA

 317541

 317541

 257538

 3D754A

■ 1A752F

■ 487553

■ 0E7526

■ 54755C

■ 02751D

■ 607565

■ 00751C

■ 6C756E

■ 777577

■ 837580

■ 8F7589

■ 9A7592

Harmonies

Analogous

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



5D6F28



317541



007863

Triad

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



317541



006DAB



A54D4C

Complementary

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



317541



753165

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.



A34A6D



317541



6360A4

Square

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



317541



00749F



8D538D



975830

Rectangle

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



317541



00787A



8D538D



A64B56

Sweetspot

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



317541



7F9985



657531



3D4D41



CCCCCC



4D4D4D

Same Dimension

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



317541



2E9947



317563



353B36



007A1D



00FA3B

Inverse Universe

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



753165



992E80



753143



3B3539



7A005E



FA00BF

Previews

White Background



This preview shows how the Hex color 317541 looks on a white background.

Color Contrast Check

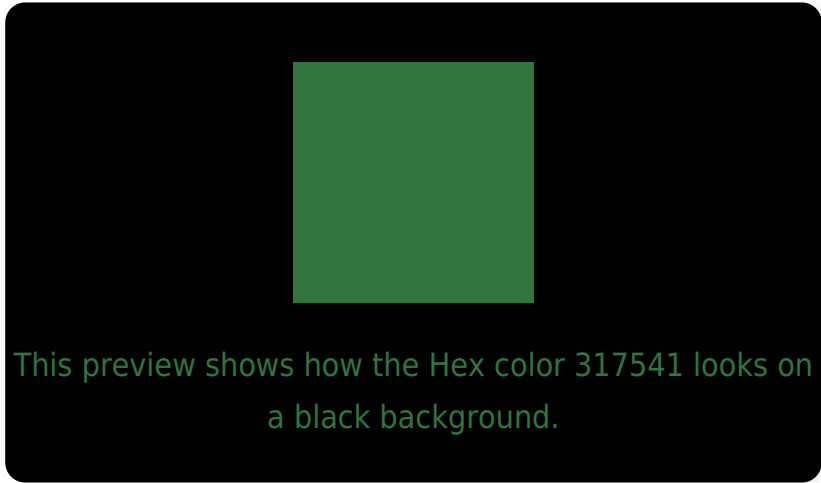
Large Text (above 18pt) WCAG AA ✓ Pass

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

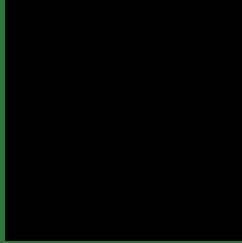
Any Text WCAG AA × Fail

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 317541 Background



This preview shows how black text looks on a background with the Hex color 317541.



This preview shows how white text looks on a background with the Hex color 317541.

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
317541

Protanopia
71673C

Deuteranopia
7C6345



Tritanopia
406F78

Trichromacy



Original Color
317541

Protanomaly
5A6C3E

Deuteranomaly
616A44

Tritanomaly
3B7164

Monochromacy



Original Color
317541

Achromatopsia
5B5B5B

Achromatomaly
4C6452

CSS Examples

Text

The CSS property to change the color of the text to Hex 317541 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 #317541 looks like.

```
.text, #text, p{  
    color:#317541  
}
```

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 #317541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317541
}
```

Border

The CSS property to change the border of an element to Hex 317541 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
#317541 }
```

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

```
.border{ border-color:#317541 }
```

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

Here you see how a box with a 4 pixel #317541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317541; -webkit-box-shadow:4px 4px  
4px 4px #317541; box-shadow:4px 4px 4px  
4px #317541 }
```

Background

The CSS property to change the background color of an element to Hex 317541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317541 }
```

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

```
.background{ background-color:#317541 }
```

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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