

Converting Colors

Hex(317334)

Have a look what the booklet for
Hex(317334) contains.

Hex(317334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(317334)

Conversions

Conversions Part 1

Format	Color
Hex	317334
RGB	49, 115, 52
RGB Percent	19%, 45%, 20%
CMY	0.8078, 0.5490, 0.7961
CMYK	0.57, 0.00, 0.55, 0.55
HSL	123°, 40%, 32%
HSV	123°, 57%, 45%
XYZ	8.0172, 13.1624, 5.3669
YIQ	88.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

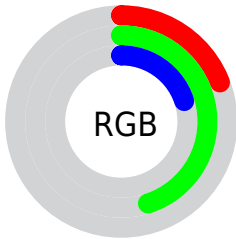
Format	Color
RYB	49, 112, 115
Decimal	3240756
CIELab	43.01, -35.06, 28.41
CIELCh	43, 45.123, 140.986
Yxy	13.1624, 0.3020, 0.4958
Android (android.graphics.Color)	4281430836 (0xFF317334)
YUV	88.0840, -17.7894, -34.2767
Hunter-Lab	36.2800, -24.0448, 16.6253

Details

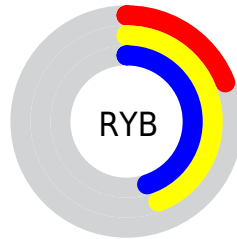
The Hex color **317334** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733170**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **66A864**, and **004205** is the 20% darker color. If you saturate the color by 10%, you get **267329**, and if you desaturate by 10%, it is **3D733F**.

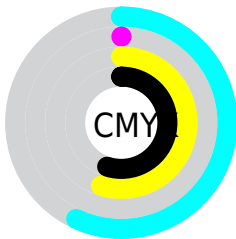
Distribution



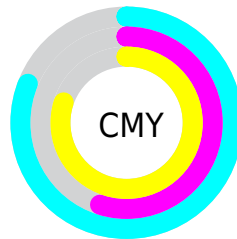
- Red (19%)
- Green (45%)
- Blue (20%)



- Red (19%)
- Yellow (44%)
- Blue (45%)



- Cyan (57%)
- Magenta (0%)
- Yellow (55%)
- Black (55%)



- Cyan (81%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317334 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 317334 by changing the saturation by 10% instead.



317334



317334

FFFFFF



145A1D



66A864



004205



80C37E



002B00



9BDF98



001200



B7FCB3



000000



D3FFCF



F0FFEB



317334



317334



267329



3D733F

■ 1A731E

■ 48734A

■ 0F7313

■ 547355

■ 037308

■ 5F7360

■ 007305

■ 6B736B

■ 767376

■ 827381

■ 8D738C

■ 997397

Harmonies

Analogous

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



606C18



317334



007759

Triad

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



317334



006DAF



A9444D

Complementary

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



317334



733170

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.



A34472



317334



5160AC

Square

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



317334



00759F



885095



9C512C

Rectangle

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



317334



007873



885095



A94259

Sweetspot

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



317334



7D967E



717331



3D4D3E



CCCCCC



4D4D4D

Same Dimension

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



317334



2F9633



317354



353B35



007A06



00FA0B

Inverse Universe

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



733170



962F92



733150



3B353A



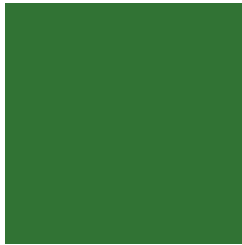
7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 317334 looks on a white background.

Color Contrast Check

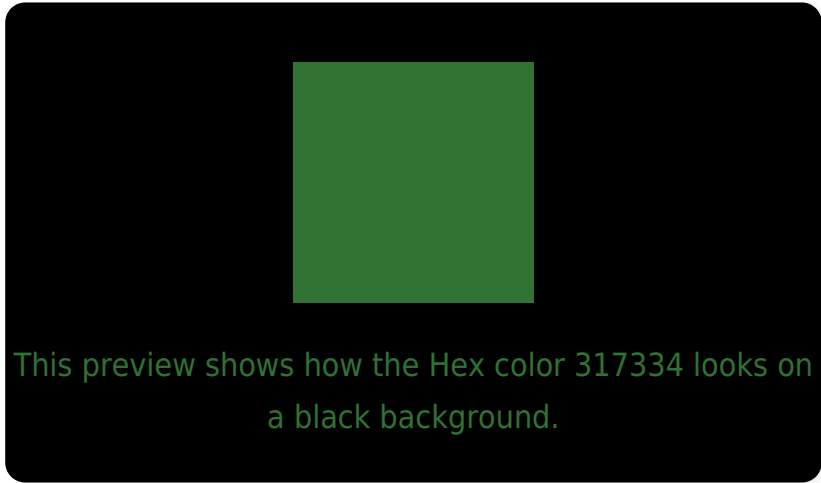
Large Text (above 18pt) WCAG AA ✓ Pass

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

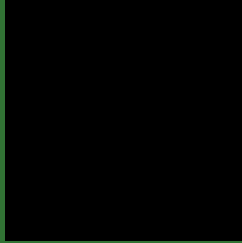
Any Text WCAG AA × Fail

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 317334 Background



This preview shows how black text looks on a background with the Hex color 317334.



This preview shows how white text looks on a background with the Hex color 317334.

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
317334

Protanopia
706530

Deuteranopia
7B6039



Tritanopia
406C75

Trichromacy



Original Color
317334

Protanomaly
596A31

Deuteranomaly
606737

Tritanomaly
3B6F5D

Monochromacy



Original Color
317334

Achromatopsia
585858

Achromatomaly
4A624B

CSS Examples

Text

The CSS property to change the color of the text to Hex 317334 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 #317334 looks like.

```
.text, #text, p{  
    color:#317334  
}
```

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 #317334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317334
}
```

Border

The CSS property to change the border of an element to Hex 317334 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
#317334 }
```

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

```
.border{ border-color:#317334 }
```

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

Here you see how a box with a 4 pixel #317334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317334; -webkit-box-shadow:4px 4px  
4px 4px #317334; box-shadow:4px 4px 4px  
4px #317334 }
```

Background

The CSS property to change the background color of an element to Hex 317334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317334 }
```

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

```
.background{ background-color:#317334 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor