

Converting Colors

Hex(315847)

Have a look what the booklet for
Hex(315847) contains.

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Color

Hex(315847)

Conversions

Conversions Part 1

Format	Color
Hex	315847
RGB	49, 88, 71
RGB Percent	19%, 35%, 28%
CMY	0.8078, 0.6549, 0.7216
CMYK	0.44, 0.00, 0.19, 0.65
HSL	154°, 28%, 27%
HSV	154°, 44%, 35%
XYZ	5.8937, 8.0873, 7.2116
YIQ	74.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

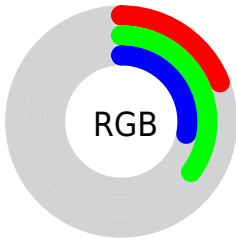
Format	Color
R_{YB}	49, 74, 88
Decimal	3233863
CIE _{Lab}	34.16, -18.32, 5.57
CIE _{LCh}	34, 19.150, 163.090
Yxy	8.0873, 0.2781, 0.3816
Android (android.graphics.Color)	4281423943 (0xFF315847)
YUV	74.4010, -1.6767, -22.2767
Hunter-Lab	28.4383, -12.7738, 4.8715

Details

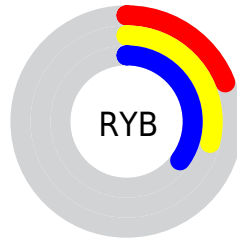
The Hex color **315847** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583142**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **618A77**, and **022A1C** is the 20% darker color. If you saturate the color by 10%, you get **285843**, and if you desaturate by 10%, it is **3A584B**.

Distribution



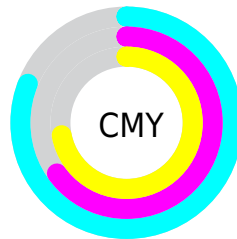
- Red (19%)
- Green (35%)
- Blue (28%)



- Red (19%)
- Yellow (29%)
- Blue (35%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (65%)





- Cyan (81%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315847 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 315847 by changing the saturation by 10% instead.

 315847

 315847

FFFFFF

 1A4031

 618A77

 022A1C

 7BA591

 001701


 95C0AC


 000000

 B0DCC7

 CCF8E3

 E8FFFF

 315847

 315847

 285843

 3A584B

■ 1F583F

■ 43584F

■ 17583B

■ 4B5853

■ 0E5838

■ 545856

■ 055834

■ 5D585A

■ 005832

■ 66585E

■ 6F5862

■ 775866

■ 80586A

Harmonies

Analogous

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



43563A



315847



215957

Triad

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



315847



46506E



6C483C

Complementary

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



315847



583142

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.



6E454A



315847



5B4A67

Square

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



315847



2F546D



69465A



624C33

Rectangle

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



315847



1C5860



69465A



6E4640

Sweetspot

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



315847



64736C



435831



313B37



BABABA



3B3B3B

Same Dimension

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



315847



367358



315658



272B29



006B3C



00EB84

Inverse Universe

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



583142



733650



583331



2B2729



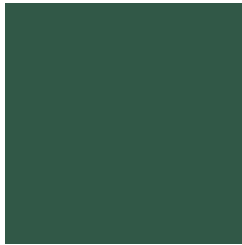
6B002F



EB0066

Previews

White Background



This preview shows how the Hex color 315847 looks on a white background.

Color Contrast Check

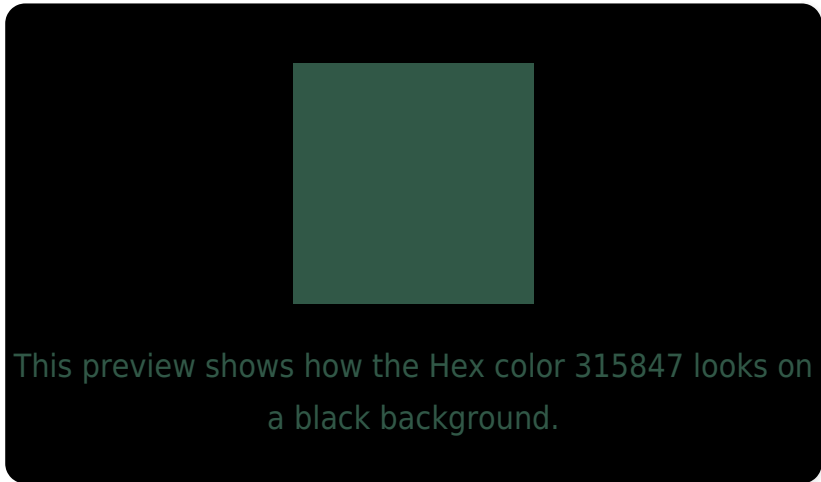
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

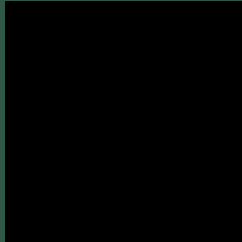
Any Text WCAG AA × Fail

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 315847 Background



This preview shows how black text looks on a background with the Hex color 315847.



This preview shows how white text looks on a background with the Hex color 315847.

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
315847

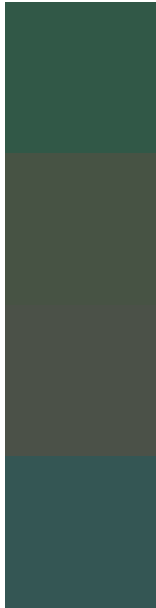
Protanopia
545043

Deuteranopia
5A4D49



Tritanopia
36555C

Trichromacy



Original Color
315847

Protanomaly
475344

Deuteranomaly
4B5148

Tritanomaly
345654

Monochromacy



Original Color
315847

Achromatopsia
4A4A4A

Achromatomaly
414F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 315847 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 #315847 looks like.

```
.text, #text, p{  
    color:#315847  
}
```

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 #315847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315847
}
```

Border

The CSS property to change the border of an element to Hex 315847 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
#315847 }
```

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

```
.border{ border-color:#315847 }
```

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

Here you see how a box with a 4 pixel #315847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315847; -webkit-box-shadow:4px 4px  
4px 4px #315847; box-shadow:4px 4px 4px  
4px #315847 }
```

Background

The CSS property to change the background color of an element to Hex 315847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315847 }
```

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

```
.background{ background-color:#315847 }
```

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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