

Converting Colors

Hex(315D39)

Have a look what the booklet for
Hex(315D39) contains.

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Color

Hex(315D39)

Conversions

Conversions Part 1

Format	Color
Hex	315D39
RGB	49, 93, 57
RGB Percent	19%, 36%, 22%
CMY	0.8078, 0.6353, 0.7765
CMYK	0.47, 0.00, 0.39, 0.64
HSL	131°, 31%, 28%
HSV	131°, 47%, 36%
XYZ	5.9195, 8.7771, 5.2531
YIQ	75.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

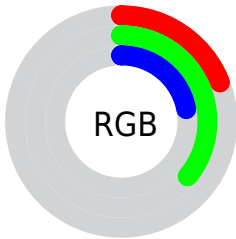
Format	Color
RYB	49, 86, 93
Decimal	3235129
CIELab	35.55, -24.01, 16.07
CIElCh	36, 28.896, 146.203
Yxy	8.7771, 0.2967, 0.4400
Android (android.graphics.Color)	4281425209 (0xFF315D39)
YUV	75.7400, -9.2388, -23.4510
Hunter-Lab	29.6261, -16.1803, 10.2255

Details

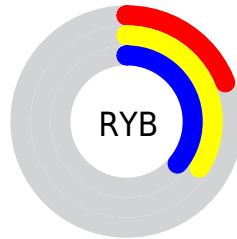
The Hex color **315D39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3155**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **629068**, and **002E0E** is the 20% darker color. If you saturate the color by 10%, you get **285D31**, and if you desaturate by 10%, it is **3A5D41**.

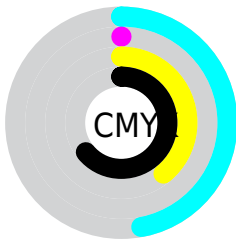
Distribution



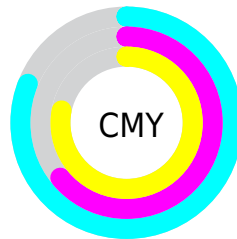
- Red (19%)
- Green (36%)
- Blue (22%)



- Red (19%)
- Yellow (34%)
- Blue (36%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (64%)



- Cyan (81%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315D39 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 315D39 by changing the saturation by 10% instead.



315D39



315D39

FFFFFF



194523



629068



002E0E



7CAA82



001C00



96C69C



000000



B1E2B7



CDFFD2



E9FFE9



315D39



315D39



285D31



3A5D41

■ 1E5D2A

■ 445D48

■ 155D22

■ 4D5D50

■ 0C5D1B

■ 565D57

■ 025D13

■ 5F5D5F

■ 005D11

■ 695D67

■ 725D6E

■ 7B5D76

■ 855D7D

Harmonies

Analogous

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



4D5829



315D39



005F50

Triad

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



315D39



245781



7F4240

Complementary

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



315D39



5D3155

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.



7D4158



315D39



514F7D

Square

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



315D39



005D79



6D466E



76492E

Rectangle

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



315D39



005F60



6D466E



804148

Sweetspot

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



315D39



67786A



565D31



333D35



BDBDBD



3D3D3D

Same Dimension

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



315D39



347840



315D4E



292E2A



006E14



00ED2B

Inverse Universe

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



5D3155



78346B



5D3140



2E292D



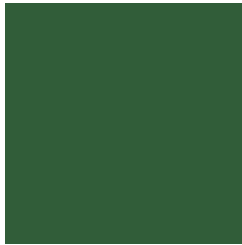
6E005A



ED00C2

Previews

White Background



This preview shows how the Hex color 315D39 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

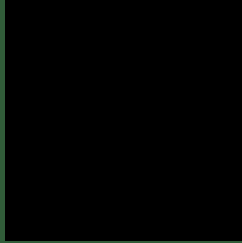
Any Text WCAG AA × Fail

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 315D39 Background



This preview shows how black text looks on a background with the Hex color 315D39.



This preview shows how white text looks on a background with the Hex color 315D39.

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
315D39

Protanopia
5B5335

Deuteranopia
63503C



Tritanopia
3A585F

Trichromacy



Original Color
315D39

Protanomaly
4C5736

Deuteranomaly
51553B

Tritanomaly
375A51

Monochromacy



Original Color
315D39

Achromatopsia
4C4C4C

Achromatomaly
425245

CSS Examples

Text

The CSS property to change the color of the text to Hex 315D39 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 #315D39 looks like.

```
.text, #text, p{  
    color:#315D39  
}
```

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 #315D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315D39
}
```

Border

The CSS property to change the border of an element to Hex 315D39 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".

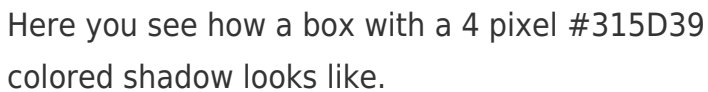
```
.border, #border, table{ border:4px solid
#315D39 }
```

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

```
.border{ border-color:#315D39 }
```

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

Here you see how a box with a 4 pixel #315D39 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315D39; -webkit-box-shadow:4px 4px  
4px 4px #315D39; box-shadow:4px 4px 4px  
4px #315D39 }
```

Background

The CSS property to change the background color of an element to Hex 315D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315D39 }
```

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

```
.background{ background-color:#315D39 }
```

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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