

Converting Colors

Hex(315B3E)

Have a look what the booklet for
Hex(315B3E) contains.

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Color

Hex(315B3E)

Conversions

Conversions Part 1

Format	Color
Hex	315B3E
RGB	49, 91, 62
RGB Percent	19%, 36%, 24%
CMY	0.8078, 0.6431, 0.7569
CMYK	0.46, 0.00, 0.32, 0.64
HSL	139°, 30%, 27%
HSV	139°, 46%, 36%
XYZ	5.8772, 8.4829, 5.8850
YIQ	75.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

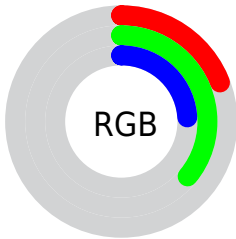
Format	Color
R_{YB}	49, 81, 91
Decimal	3234622
CIE _{Lab}	34.97, -21.98, 12.26
CIE _{LCh}	35, 25.164, 150.844
Yxy	8.4829, 0.2903, 0.4190
Android (android.graphics.Color)	4281424702 (0xFF315B3E)
YUV	75.1360, -6.4760, -22.9213
Hunter-Lab	29.1255, -14.9502, 8.4078




Details

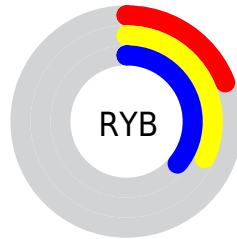
The Hex color **315B3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B314E**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **628E6E**, and **012D13** is the 20% darker color. If you saturate the color by 10%, you get **285B38**, and if you desaturate by 10%, it is **3A5B44**.

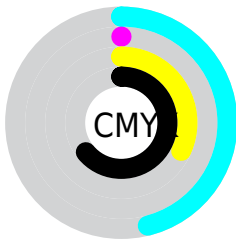
Distribution







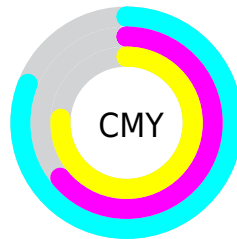
-  Red (19%)
-  Green (36%)
-  Blue (24%)






-  Red (19%)
-  Yellow (32%)
-  Blue (36%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (32%)
-  Black (64%)





-  Cyan (81%)
-  Magenta (64%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315B3E 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 315B3E by changing the saturation by 10% instead.

 315B3E

 315B3E

FFFFFF

 194328

 628E6E

 012D13

 7BA887

 001A00


 96C3A1


 000000

 B1DFBC

 CCFCD8

 E9FFF5

 315B3E

 315B3E

 285B38

 3A5B44

■ 1F5B31

■ 435B4B

■ 165B2B

■ 4C5B51

■ 0D5B25

■ 555B57

■ 035B1F

■ 5F5B5D

■ 005B1C

■ 685B64

■ 715B6A

■ 7A5B70

■ 835B77

Harmonies

Analogous

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



4A572F



315B3E



0E5D52

Triad

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



315B3E



34547A



78443F

Complementary

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



315B3E



5B314E

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.



774252



315B3E



554D75

Square

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



315B3E



005975



6C4666



6F4A30

Rectangle

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



315B3E



005D60



6C4666



794345

Sweetspot

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



315B3E



65756A



4E5B31



313B34



BABABA



3B3B3B

Same Dimension

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



315B3E



357549



315B53



292E2B



006E22



00ED49

Inverse Universe

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



5B314E



753561



5B3139



2E292C



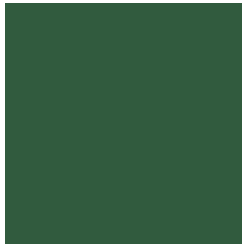
6E004C



ED00A4

Previews

White Background



This preview shows how the Hex color 315B3E looks on a white background.

Color Contrast Check

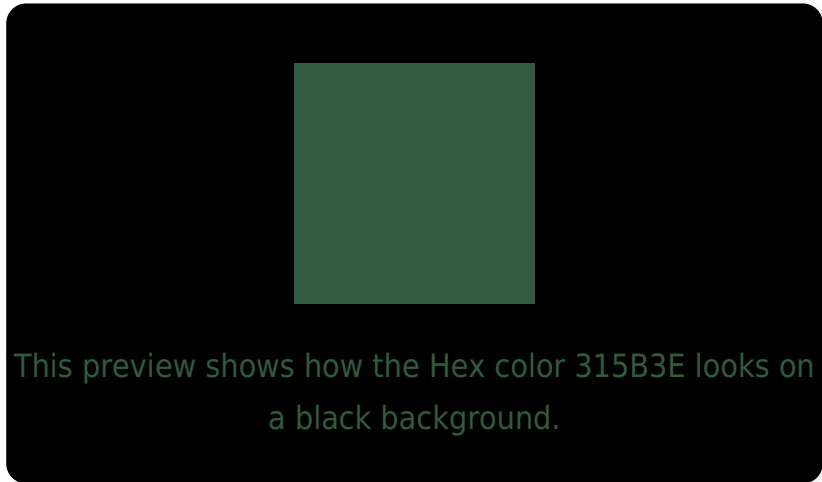
Large Text (above 18pt) WCAG AA ✓ Pass

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

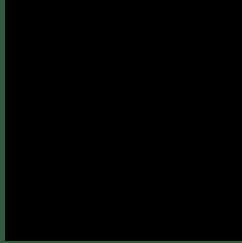
Any Text WCAG AA × Fail

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 315B3E Background



This preview shows how black text looks on a background with the Hex color 315B3E.



This preview shows how white text looks on a background with the Hex color 315B3E.

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
315B3E

Protanopia
58523A

Deuteranopia
604F41

Trichromacy



Original Color
315B3E

Protanomaly
4A53B

Deuteranomaly
4F5340

Tritanomaly
365852

Monochromacy



Original Color
315B3E

Achromatopsia
4B4B4B

Achromatomaly
425146

CSS Examples

Text

The CSS property to change the color of the text to Hex 315B3E 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 #315B3E looks like.

```
.text, #text, p{  
    color:#315B3E  
}
```

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 #315B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315B3E
}
```

Border

The CSS property to change the border of an element to Hex 315B3E 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".

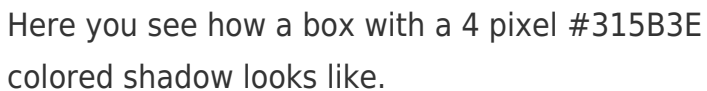
```
.border, #border, table{ border:4px solid
#315B3E }
```

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

```
.border{ border-color:#315B3E }
```

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

Here you see how a box with a 4 pixel #315B3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315B3E; -webkit-box-shadow:4px 4px  
4px 4px #315B3E; box-shadow:4px 4px 4px  
4px #315B3E }
```

Background

The CSS property to change the background color of an element to Hex 315B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315B3E }
```

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

```
.background{ background-color:#315B3E }
```

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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