

Converting Colors

Hex(315A3D)

Have a look what the booklet for
Hex(315A3D) contains.

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Color

Hex(315A3D)

Conversions

Conversions Part 1

Format	Color
Hex	315A3D
RGB	49, 90, 61
RGB Percent	19%, 35%, 24%
CMY	0.8078, 0.6471, 0.7608
CMYK	0.46, 0.00, 0.32, 0.65
HSL	138°, 29%, 27%
HSV	138°, 46%, 35%
XYZ	5.7651, 8.3022, 5.7135
YIQ	74.4350, -15.1270, -17.7110

Conversions

Conversions Part 2

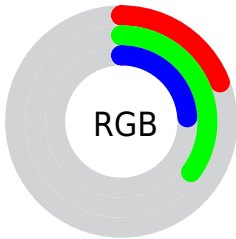
Format	Color
R_{YB}	49, 81, 90
Decimal	3234365
CIE Lab	34.60, -21.67, 12.37
CIE LCh	35, 24.953, 150.275
Yxy	8.3022, 0.2914, 0.4197
Android (android.graphics.Color)	4281424445 (0xFF315A3D)
YUV	74.4350, -6.6235, -22.3065
Hunter-Lab	28.8136, -14.7090, 8.4127

Details

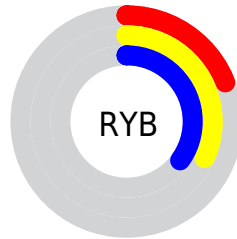
The Hex color **315A3D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A314E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **628C6D**, and **012C13** is the 20% darker color. If you saturate the color by 10%, you get **285A37**, and if you desaturate by 10%, it is **3A5A43**.

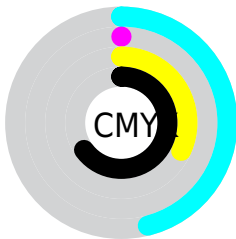
Distribution



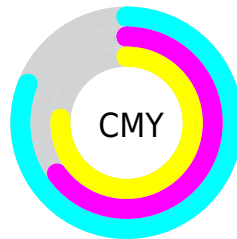
- Red (19%)
- Green (35%)
- Blue (24%)



- Red (19%)
- Yellow (32%)
- Blue (35%)



- Cyan (46%)
- Magenta (0%)
- Yellow (32%)
- Black (65%)




- Cyan (81%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315A3D 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 315A3D by changing the saturation by 10% instead.

 315A3D

 315A3D

FFFFFF

 194227

 628C6D

 012C13

 7BA786

 001900

 95C2A0


 000000

 B0DEBB

 CCFBD7

 E9FFF3

 315A3D

 315A3D

 285A37

 3A5A43

■ 1F5A30

■ 435A4A

■ 165A2A

■ 4C5A50

■ 0D5A24

■ 555A56

■ 045A1D

■ 5E5A5D

■ 005A1A

■ 675A63

■ 705A6A

■ 795A70

■ 825A76

Harmonies

Analogous

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



49562E



315A3D



0F5C51

Triad

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



315A3D



335379



77433E

Complementary

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



315A3D



5A314E

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.



764152



315A3D



534C74

Square

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



315A3D



005973



6A4565



6E492F

Rectangle

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



315A3D



005C5E



6A4565



784245

Sweetspot

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



315A3D



65756A



4E5A31



313B34



BABABA



3B3B3B

Same Dimension

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



315A3D



357548



315A51



292E2B



006E20



00ED45

Inverse Universe

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



5A314E



753562



5A313A



2E292D



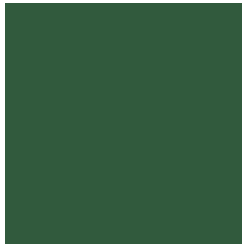
6E004E



ED00A8

Previews

White Background



This preview shows how the Hex color 315A3D looks on a white background.

Color Contrast Check

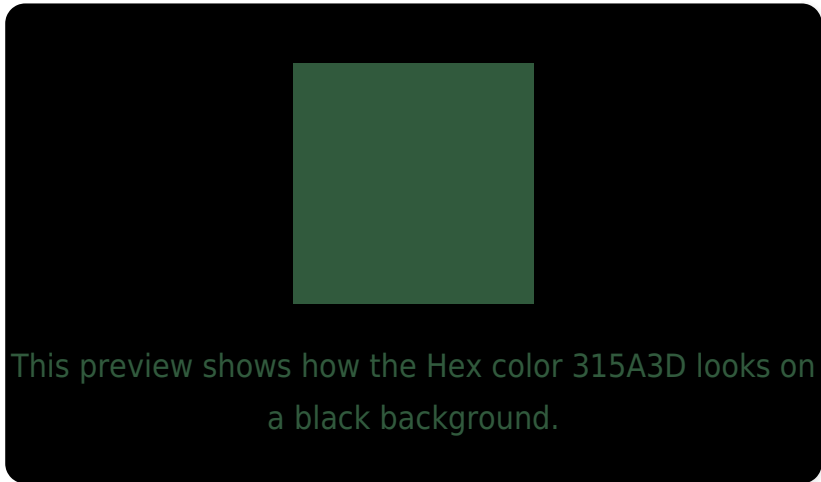
Large Text (above 18pt) WCAG AA ✓ Pass

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

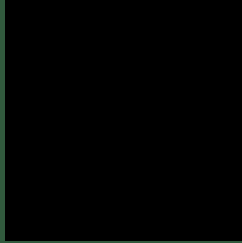
Any Text WCAG AA × Fail

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 315A3D Background



This preview shows how black text looks on a background with the Hex color 315A3D.



This preview shows how white text looks on a background with the Hex color 315A3D.

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
315A3D

Protanopia
575139

Deuteranopia
5F4E40

Trichromacy



Original Color
315A3D

Protanomaly
49543A

Deuteranomaly
4E523F

Tritanomaly
355751

Monochromacy



Original Color
315A3D

Achromatopsia
4A4A4A

Achromatomaly
415045

CSS Examples

Text

The CSS property to change the color of the text to Hex 315A3D 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 #315A3D looks like.

```
.text, #text, p{  
    color:#315A3D  
}
```

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 #315A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315A3D
}
```

Border

The CSS property to change the border of an element to Hex 315A3D 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
#315A3D }
```

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

```
.border{ border-color:#315A3D }
```

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

Here you see how a box with a 4 pixel #315A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315A3D; -webkit-box-shadow:4px 4px  
4px 4px #315A3D; box-shadow:4px 4px 4px  
4px #315A3D }
```

Background

The CSS property to change the background color of an element to Hex 315A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315A3D }
```

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

```
.background{ background-color:#315A3D }
```

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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