

Converting Colors

Hex(315F4D)

Have a look what the booklet for
Hex(315F4D) contains.

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Color

Hex(315F4D)

Conversions

Conversions Part 1

Format	Color
Hex	315F4D
RGB	49, 95, 77
RGB Percent	19%, 37%, 30%
CMY	0.8078, 0.6275, 0.6980
CMYK	0.48, 0.00, 0.19, 0.63
HSL	157°, 32%, 28%
HSV	157°, 48%, 37%
XYZ	6.6984, 9.3732, 8.4773
YIQ	79.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

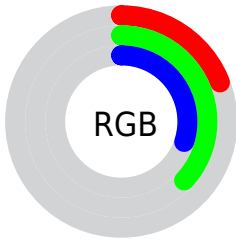
Format	Color
R_{YB}	49, 78, 95
Decimal	3235661
CIE _{Lab}	36.69, -20.60, 5.45
CIE _{LCh}	37, 21.305, 165.181
Yxy	9.3732, 0.2729, 0.3818
Android (android.graphics.Color)	4281425741 (0xFF315F4D)
YUV	79.1940, -1.0816, -26.4801
Hunter-Lab	30.6157, -14.5236, 5.0139

Details

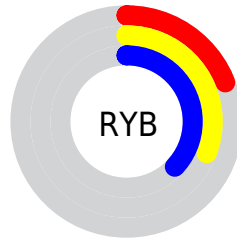
The Hex color **315F4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3143**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **62927E**, and **003021** is the 20% darker color. If you saturate the color by 10%, you get **285F49**, and if you desaturate by 10%, it is **3B5F51**.

Distribution



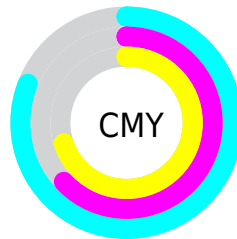
- Red (19%)
- Green (37%)
- Blue (30%)



- Red (19%)
- Yellow (31%)
- Blue (37%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (63%)





- Cyan (81%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315F4D 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 315F4D by changing the saturation by 10% instead.

 315F4D

 315F4D

FFFFFF

 194736

 62927E

 003021

 7CAC98

 001D0A


 96C8B3


 000000

 B2E4CE

 CDFFEA

 EAFFFF

 315F4D

 315F4D

 285F49

 3B5F51

■ 1E5F46

■ 445F54

■ 155F42

■ 4E5F58

■ 0B5F3E

■ 575F5C

■ 025F3A

■ 615F60

■ 005F3A

■ 6A5F63

■ 745F67

■ 7D5F6B

■ 875F6E

Harmonies

Analogous

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



465C3E



315F4D



1D605F

Triad

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



315F4D



4C5577



754D3F

Complementary

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



315F4D



5F3143

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.



78494E



315F4D



634F6F

Square

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



315F4D



315A77



734A60



695235

Rectangle

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



315F4D



175F69



734A60



774B43

Sweetspot

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



315F4D



687A73



435F31



323D39



BDBDBD



3D3D3D

Same Dimension

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



315F4D



337A5F



315A5F



2C302F



007044



00F092

Inverse Universe

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



5F3143



7A334F



5F3631



302C2E



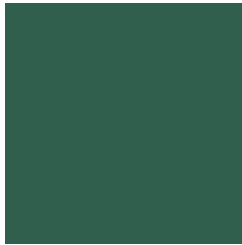
70002C



F0005E

Previews

White Background



This preview shows how the Hex color 315F4D looks on a white background.

Color Contrast Check

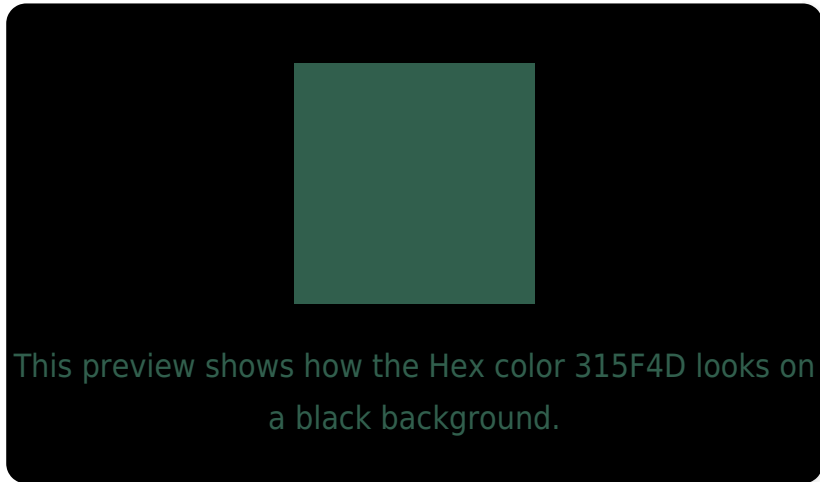
Large Text (above 18pt) WCAG AA ✓ Pass

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

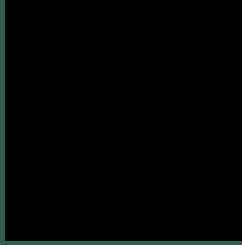
Any Text WCAG AA × Fail

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 315F4D Background



This preview shows how black text looks on a background with the Hex color 315F4D.



This preview shows how white text looks on a background with the Hex color 315F4D.

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
315F4D

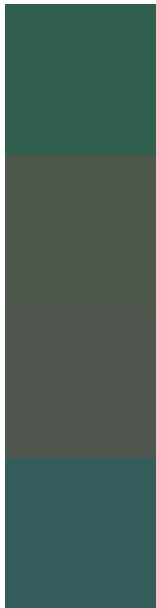
Protanopia
5B5648

Deuteranopia
615350



Tritanopia
375C63

Trichromacy



Original Color
315F4D

Protanomaly
4C594A

Deuteranomaly
50574F

Tritanomaly
355D5B

Monochromacy



Original Color
315F4D

Achromatopsia
4F4F4F

Achromatomaly
44554E

CSS Examples

Text

The CSS property to change the color of the text to Hex 315F4D 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 #315F4D looks like.

```
.text, #text, p{  
    color:#315F4D  
}
```

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 #315F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315F4D
}
```

Border

The CSS property to change the border of an element to Hex 315F4D 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
#315F4D }
```

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

```
.border{ border-color:#315F4D }
```

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

Here you see how a box with a 4 pixel #315F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315F4D; -webkit-box-shadow:4px 4px  
4px 4px #315F4D; box-shadow:4px 4px 4px  
4px #315F4D }
```

Background

The CSS property to change the background color of an element to Hex 315F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315F4D }
```

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

```
.background{ background-color:#315F4D }
```

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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