

# Converting Colors

Hex(315F5A)

Have a look what the booklet for  
Hex(315F5A) contains.

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# Color

**Hex(315F5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	315F5A
RGB	49, 95, 90
RGB Percent	19%, 37%, 35%
CMY	0.8078, 0.6275, 0.6471
CMYK	0.48, 0.00, 0.05, 0.63
HSL	173°, 32%, 28%
HSV	173°, 48%, 37%
XYZ	7.2043, 9.5756, 11.1414
YIQ	80.6760, -25.8110, -11.3070

# Conversions

## Conversions Part 2

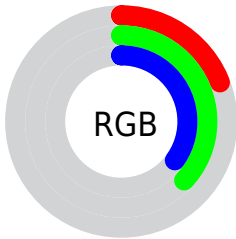
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 73, 95
Decimal	3235674
CIE <sub>Lab</sub>	37.07, -17.15, -2.05
CIE <sub>LCh</sub>	37, 17.268, 186.806
Yxy	9.5756, 0.2580, 0.3429
Android (android.graphics.Color)	4281425754 (0xFF315F5A)
<b>YUV</b>	80.6760, 4.5967, -27.7799
Hunter-Lab	30.9444, -12.5954, 0.3139

# Details

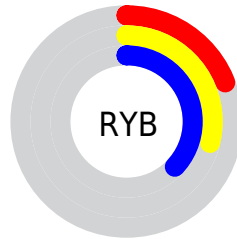
The Hex color **315F5A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3136**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **63928C**, and **00302D** is the 20% darker color. If you saturate the color by 10%, you get **285F59**, and if you desaturate by 10%, it is **3B5F5B**.

# Distribution



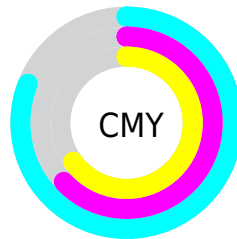
- Red (19%)
- Green (37%)
- Blue (35%)



- Red (19%)
- Yellow (29%)
- Blue (37%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (63%)



- Cyan (81%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 315F5A 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 315F5A by changing the saturation by 10% instead.





315F5A



315F5A

FFFFFF



184743



63928C



00302D



7DACA6



001C18



97C8C1



000000



B2E4DD



CEFFFA



EBFFFF



315F5A



315F5A



285F59



3B5F5B

■ 1E5F58

■ 445F5C

■ 155F57

■ 4E5F5D

■ 0B5F56

■ 575F5E

■ 025F55

■ 615F5F

■ 005F55

■ 6A5F60

■ 745F61

■ 7D5F62

■ 875F63

# Harmonies

## Analogous

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



3F5E4C



315F5A



2D5E67

# Triad

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



315F5A



5D536D



6A533E

# Complementary

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



315F5A



5F3136

# 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.



724F47



315F5A



6C4E62

# Square

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



315F5A



4A5773



734D54



5E573C

# Rectangle

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



315F5A



325D6E



734D54



6E5140



# Sweetspot

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



315F5A



687A78



365F31



323D3C



BDBDBD



3D3D3D



# Same Dimension

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



315F5A



337A73



314D5F



2C3030



007064



00F0D6



# Inverse Universe

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



5F3136



7A333B



5F4331



302C2C



70000C



F0001A



# Previews

## White Background



This preview shows how the Hex color 315F5A looks on a white background.

## Color Contrast Check

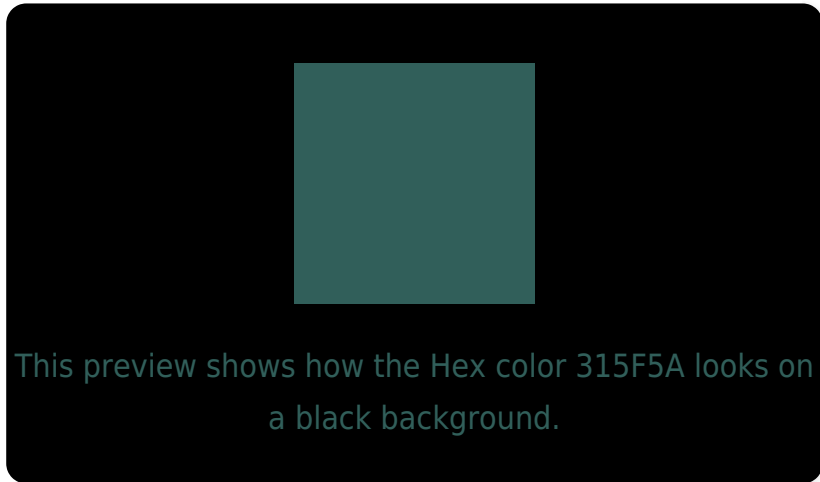
Large Text (above 18pt) WCAG AA ✓ Pass

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

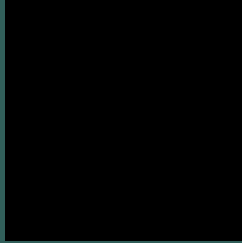
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 315F5A Background



This preview shows how black text looks on a background with the Hex color 315F5A.

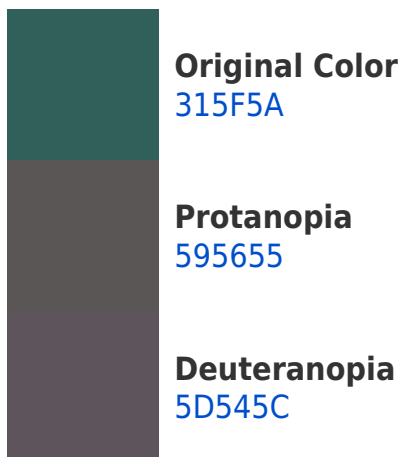



This preview shows how white text looks on a background with the Hex color 315F5A.

# 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](#).

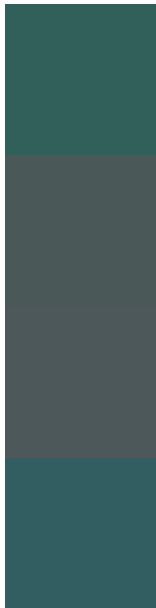
## Dichromacy





**Tritanopia**  
345D65

# Trichromacy



**Original Color**  
315F5A

**Protanomaly**  
4A5957

**Deuteranomaly**  
4D585B

**Tritanomaly**  
335E61

# Monochromacy



**Original Color**  
315F5A

**Achromatopsia**  
515151

**Achromatomaly**  
455654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 315F5A 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 #315F5A looks like.

```
.text, #text, p{  
    color:#315F5A  
}
```

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 #315F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315F5A
}
```

## Border

The CSS property to change the border of an element to Hex 315F5A 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
#315F5A }
```

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

```
.border{ border-color:#315F5A }
```

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

Here you see how a box with a 4 pixel #315F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315F5A; -webkit-box-shadow:4px 4px  
4px 4px #315F5A; box-shadow:4px 4px 4px  
4px #315F5A }
```

# Background

The CSS property to change the background color of an element to Hex 315F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315F5A }
```

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

```
.background{ background-color:#315F5A }
```

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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