

# Converting Colors

Hex(315C5C)

Have a look what the booklet for  
Hex(315C5C) contains.

<b>Hex(315C5C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(315C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	315C5C
RGB	49, 92, 92
RGB Percent	19%, 36%, 36%
CMY	0.8078, 0.6392, 0.6392
CMYK	0.47, 0.00, 0.00, 0.64
HSL	180°, 30%, 28%
HSV	180°, 47%, 36%
XYZ	7.0255, 9.0800, 11.5075
YIQ	79.1430, -25.6280, -9.1160

# Conversions

## Conversions Part 2

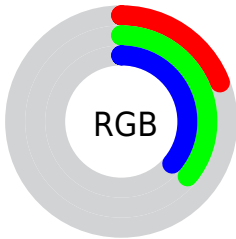
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 71, 92
Decimal	3234908
CIELab	36.14, -14.89, -4.67
CIElCh	36, 15.608, 197.396
Yxy	9.0800, 0.2544, 0.3288
Android (android.graphics.Color)	4281424988 (0xFF315C5C)
YUV	79.1430, 6.3385, -26.4354
Hunter-Lab	30.1330, -11.1153, -1.5493

# Details

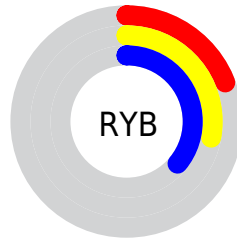
The Hex color **315C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3131**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **638E8E**, and **002E2E** is the 20% darker color. If you saturate the color by 10%, you get **285C5C**, and if you desaturate by 10%, it is **3A5C5C**.

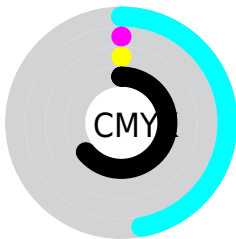
# Distribution



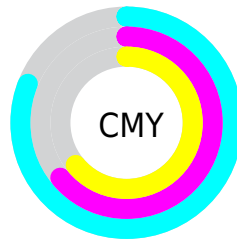
- Red (19%)
- Green (36%)
- Blue (36%)



- Red (19%)
- Yellow (28%)
- Blue (36%)



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




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


# Brightness & Saturation Gradients

These gradients show how the Hex color 315C5C 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 315C5C by changing the saturation by 10% instead.



 315C5C

 315C5C

FFFFFF

 184445

 638E8E

 002E2E

 7CA9A9

 001A1A


 97C4C4


 000000

 B2E0E0

 CEFDFC

 EBFFFF

 315C5C

 315C5C

 285C5C

 3A5C5C

■ 1F5C5C

■ 435C5C

■ 155C5C

■ 4D5C5C

■ 0C5C5C

■ 565C5C

■ 035C5C

■ 5F5C5C

■ 005C5C

■ 685C5C

■ 715C5C

■ 7B5C5C

■ 845C5C

# Harmonies

## Analogous

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



3B5C4F



315C5C



325B67

# Triad

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



315C5C



604F66



63523D

# Complementary

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



315C5C



5C3131

# 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.



6C4E43



315C5C



6B4C5B

# Square

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



315C5C



50546D



6F4C4E



57573D

# Rectangle

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



315C5C



39596C



6F4C4E



66513E



# Sweetspot

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



315C5C



677878



315C31



333D3D



BDBDBD



3D3D3D



# Same Dimension

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



315C5C



357878



31475C



292E2E



006E6E



00EDED



# Inverse Universe

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



5C315C



783578



5C4731



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 315C5C looks on a white background.

## Color Contrast Check

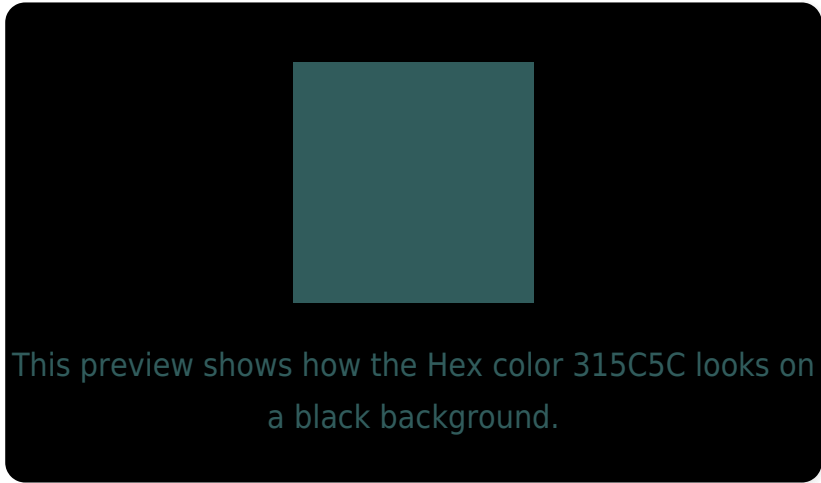
Large Text (above 18pt) WCAG AA ✓ Pass

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

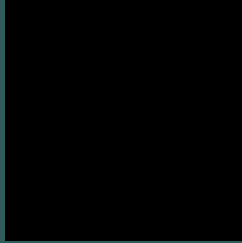
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 315C5C Background



This preview shows how black text looks on a background with the Hex color 315C5C.



This preview shows how white text looks on a background with the Hex color 315C5C.

# 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**  
315C5C

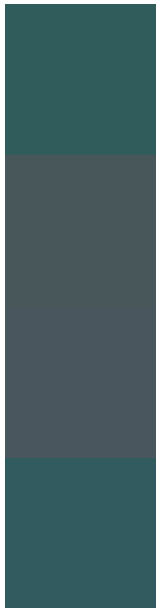
**Protanopia**  
555457

**Deuteranopia**  
59525E



**Tritanopia**  
335B62

# Trichromacy



**Original Color**  
315C5C

**Protanomaly**  
485759

**Deuteranomaly**  
4A565D

**Tritanomaly**  
325B60

# Monochromacy



**Original Color**  
315C5C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
445454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 315C5C 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 #315C5C looks like.

```
.text, #text, p{  
    color:#315C5C  
}
```

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 #315C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315C5C
}
```

## Border

The CSS property to change the border of an element to Hex 315C5C 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
#315C5C }
```

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

```
.border{ border-color:#315C5C }
```

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

Here you see how a box with a 4 pixel #315C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315C5C; -webkit-box-shadow:4px 4px  
4px 4px #315C5C; box-shadow:4px 4px 4px  
4px #315C5C }
```

# Background

The CSS property to change the background color of an element to Hex 315C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315C5C }
```

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

```
.background{ background-color:#315C5C }
```

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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