

Converting Colors

Hex(315D60)

Have a look what the booklet for
Hex(315D60) contains.

Hex(315D60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(315D60)

Conversions

Conversions Part 1

Format	Color
Hex	315D60
RGB	49, 93, 96
RGB Percent	19%, 36%, 38%
CMY	0.8078, 0.6353, 0.6235
CMYK	0.49, 0.03, 0.00, 0.62
HSL	184°, 32%, 28%
HSV	184°, 49%, 38%
XYZ	7.2923, 9.3262, 12.4821
YIQ	80.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

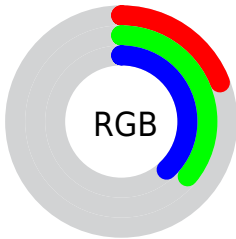
Format	Color
RYB	49, 72, 96
Decimal	3235168
CIELab	36.60, -14.28, -6.46
CIElCh	37, 15.677, 204.330
Yxy	9.3262, 0.2506, 0.3205
Android (android.graphics.Color)	4281425248 (0xFF315D60)
YUV	80.1860, 7.7963, -27.3501
Hunter-Lab	30.5388, -10.8193, -2.8564




Details

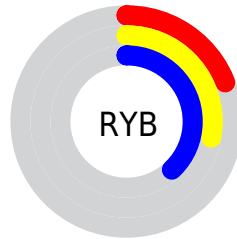
The Hex color **315D60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603431**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **638F92**, and **002F32** is the 20% darker color. If you saturate the color by 10%, you get **275C60**, and if you desaturate by 10%, it is **3B5E60**.

Distribution







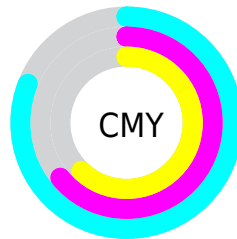
-  Red (19%)
-  Green (36%)
-  Blue (38%)






-  Red (19%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (49%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (62%)





-  Cyan (81%)
-  Magenta (64%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315D60 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 315D60 by changing the saturation by 10% instead.

 315D60

 315D60

FFFFFF

 184548

 638F92

 002F32

 7DAAAD

 001B1D

 97C5C8

 000001


 B3E1E4

 000000

 CFFEFF

 EBFFFF

 315D60

 315D60

 275C60

 3B5E60

■ 1E5C60

■ 445E60

■ 145B60

■ 4E5F60

■ 0B5B60

■ 575F60

■ 015A60

■ 616060

■ 005A60

■ 6B6160

■ 746160

■ 7E6260

■ 876360

Harmonies

Analogous

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



395D53



315D60



355B6A

Triad

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



315D60



645065



62543D

Complementary

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



315D60



603431

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.



6B5042



315D60



6D4D59

Square

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



315D60



55546D



704D4C



55583F

Rectangle

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



315D60



3E596E



704D4C



65533E

Sweetspot

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



315D60



6A7C7D



316033



343F40



BFBFBF



404040

Same Dimension

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



315D60



33787D



314660



2C3030



006970



00E0F0

Inverse Universe

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



60315D



7D3378



604B31



302C30



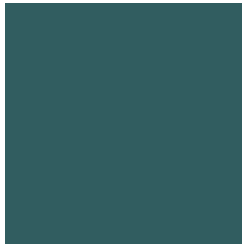
700069



F000E0

Previews

White Background



This preview shows how the Hex color 315D60 looks on a white background.

Color Contrast Check

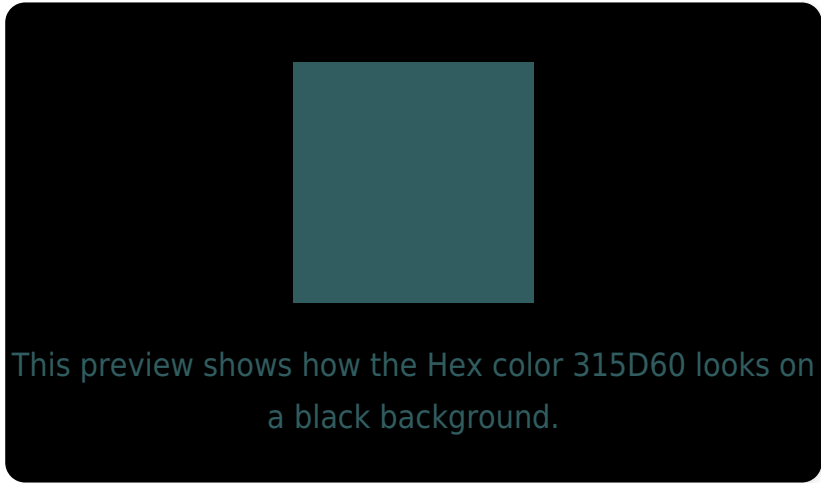
Large Text (above 18pt) WCAG AA ✓ Pass

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

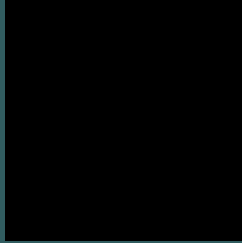
Any Text WCAG AA × Fail

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 315D60 Background



This preview shows how black text looks on a background with the Hex color 315D60.

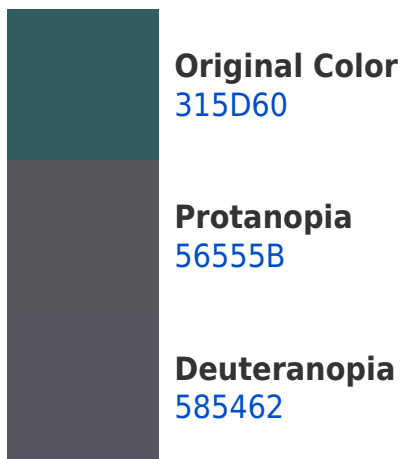



This preview shows how white text looks on a background with the Hex color 315D60.

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](#).

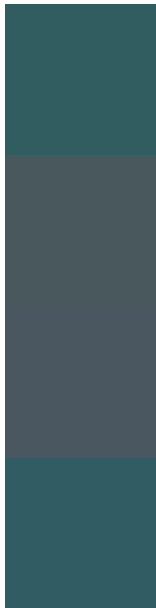
Dichromacy





Tritanopia
325C64

Trichromacy



Original Color
315D60

Protanomaly
49585D

Deuteranomaly
4A5761

Tritanomaly
325C63

Monochromacy



Original Color
315D60

Achromatopsia
505050

Achromatomaly
455556

CSS Examples

Text

The CSS property to change the color of the text to Hex 315D60 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 #315D60 looks like.

```
.text, #text, p{  
    color:#315D60  
}
```

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 #315D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315D60
}
```

Border

The CSS property to change the border of an element to Hex 315D60 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
#315D60 }
```

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

```
.border{ border-color:#315D60 }
```

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

Here you see how a box with a 4 pixel #315D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315D60; -webkit-box-shadow:4px 4px  
4px 4px #315D60; box-shadow:4px 4px 4px  
4px #315D60 }
```

Background

The CSS property to change the background color of an element to Hex 315D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315D60 }
```

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

```
.background{ background-color:#315D60 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor