

Converting Colors

Hex(315861)

Have a look what the booklet for
Hex(315861) contains.

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Color

Hex(315861)

Conversions

Conversions Part 1

Format	Color
Hex	315861
RGB	49, 88, 97
RGB Percent	19%, 35%, 38%
CMY	0.8078, 0.6549, 0.6196
CMYK	0.49, 0.09, 0.00, 0.62
HSL	191°, 33%, 29%
HSV	191°, 49%, 38%
XYZ	6.9140, 8.4955, 12.5846
YIQ	77.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

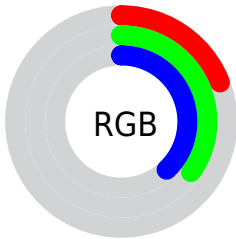
Format	Color
R_{YB}	49, 71, 97
Decimal	3233889
CIE _{Lab}	34.99, -11.08, -9.50
CIE _{LCh}	35, 14.596, 220.610
Yxy	8.4955, 0.2470, 0.3035
Android (android.graphics.Color)	4281423969 (0xFF315861)
YUV	77.3650, 9.6801, -24.8761
Hunter-Lab	29.1470, -8.6650, -5.1964




Details

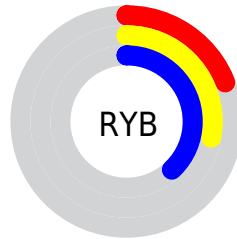
The Hex color **315861** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613A31**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **638A94**, and **002A33** is the 20% darker color. If you saturate the color by 10%, you get **275661**, and if you desaturate by 10%, it is **3B5A61**.

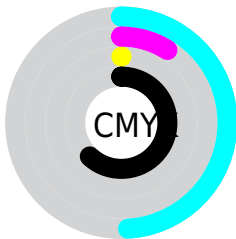
Distribution







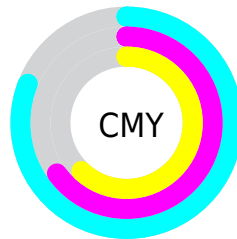
-  Red (19%)
-  Green (35%)
-  Blue (38%)






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



-  Cyan (49%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315861 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 315861 by changing the saturation by 10% instead.

■ 315861

■ 315861

FFFFFF

■ 184149

■ 638A94

■ 002A33

■ 7DA4AE

■ 00171E

■ 97BFCA

■ 000002

■ B2DBE6

■ 000000

■ CEF8FF

■ EBFFFF

■ 315861

■ 315861

■ 275661

■ 3B5A61

■ 1E5461

■ 445C61

■ 145361

■ 4E5D61

■ 0A5161

■ 585F61

■ 014F61

■ 626161

■ 004F61

■ 6B6361

■ 756561

■ 7F6761

■ 886861

Harmonies

Analogous

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



335956



315861



3A5668

Triad

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



315861



654B5A



57533B

Complementary

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



315861



613A31

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.



624F3D



315861



6A4A4F

Square

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



315861



594E64



694C44



4A5640

Rectangle

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



315861



445369



694C44



5B523B

Sweetspot

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



315861



6A797D



31613A



343E40



BFBFBF



404040

Same Dimension

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



315861



336F7D



314061



2C3030



005B70



00C3F0

Inverse Universe

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



613158



7D336F



615231



302C30



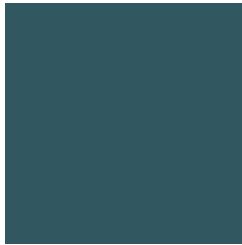
70005B



F000C3

Previews

White Background



This preview shows how the Hex color 315861 looks on a white background.

Color Contrast Check

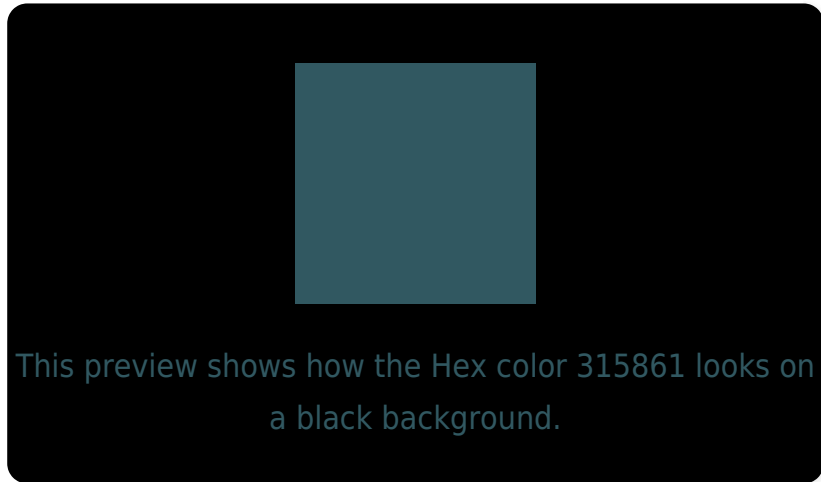
Large Text (above 18pt) WCAG AA ✓ Pass

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

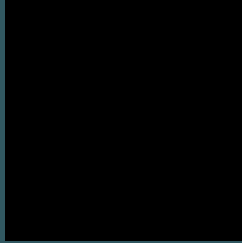
Any Text WCAG AA × Fail

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 315861 Background



This preview shows how black text looks on a background with the Hex color 315861.

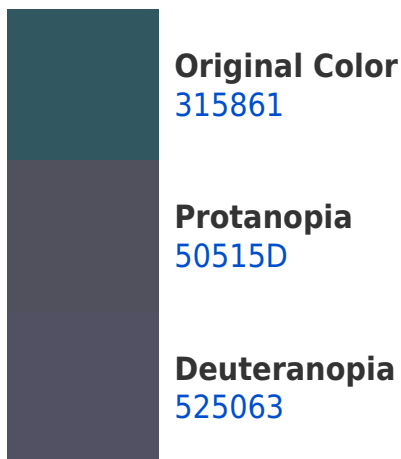


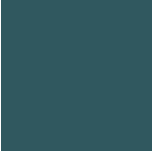
This preview shows how white text looks on a background with the Hex color 315861.

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](#).

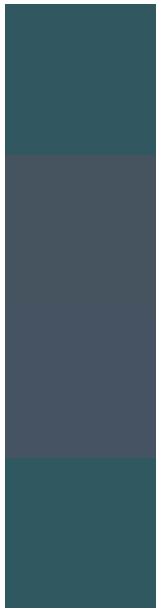
Dichromacy





Tritanopia
30585F

Trichromacy



Original Color
315861

Protanomaly
45545E

Deuteranomaly
465362

Tritanomaly
305860

Monochromacy



Original Color
315861

Achromatopsia
4D4D4D

Achromatomaly
435154

CSS Examples

Text

The CSS property to change the color of the text to Hex 315861 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 #315861 looks like.

```
.text, #text, p{  
    color:#315861  
}
```

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 #315861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315861
}
```

Border

The CSS property to change the border of an element to Hex 315861 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
#315861 }
```

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

```
.border{ border-color:#315861 }
```

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

Here you see how a box with a 4 pixel #315861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315861; -webkit-box-shadow:4px 4px  
4px 4px #315861; box-shadow:4px 4px 4px  
4px #315861 }
```

Background

The CSS property to change the background color of an element to Hex 315861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315861 }
```

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

```
.background{ background-color:#315861 }
```

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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