

Converting Colors

Hex(315879)

Have a look what the booklet for
Hex(315879) contains.

Hex(315879)	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(315879)

Conversions

Conversions Part 1

Format	Color
Hex	315879
RGB	49, 88, 121
RGB Percent	19%, 35%, 47%
CMY	0.8078, 0.6549, 0.5255
CMYK	0.60, 0.27, 0.00, 0.53
HSL	208°, 42%, 33%
HSV	208°, 60%, 47%
XYZ	8.2075, 9.0129, 19.3962
YIQ	80.1010, -33.8370, 1.9950

Conversions

Conversions Part 2

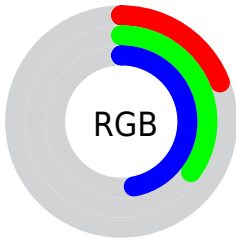
Format	Color
RYB	49, 74, 121
Decimal	3233913
CIELab	36.01, -3.18, -22.86
CIElCh	36, 23.082, 262.092
Yxy	9.0129, 0.2241, 0.2461
Android (android.graphics.Color)	4281423993 (0xFF315879)
YUV	80.1010, 20.1632, -27.2756
Hunter-Lab	30.0215, -3.7377, -17.2910




Details

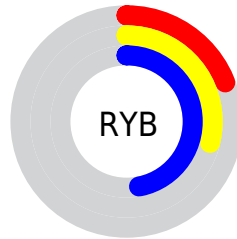
The Hex color **315879** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795231**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **658AAE**, and **002B48** is the 20% darker color. If you saturate the color by 10%, you get **255279**, and if you desaturate by 10%, it is **3D5E79**.

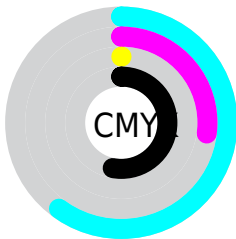
Distribution







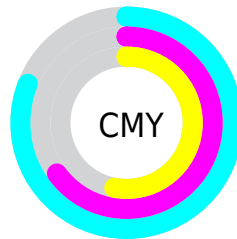
-  Red (19%)
-  Green (35%)
-  Blue (47%)






-  Red (19%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (60%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315879 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 315879 by changing the saturation by 10% instead.

■ 315879

■ 315879

FFFFFF

■ 144160

■ 658AAE

■ 002B48

■ 80A4C9

■ 001731

■ 9BBFE5

■ 00021C

■ B7DBFF

■ 000000

■ D3F7FF

■ F0FFFF

■ 315879

■ 315879

■ 255279

■ 3D5E79

■ 194D79

■ 496379

■ 0D4779

■ 556979

■ 014279

■ 616E79

■ 004279

■ 6D7479

■ 7A7979

■ 867F79

■ 928479

■ 9E8A79

Harmonies

Analogous

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



0E5C71



315879



505277

Triad

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



315879



794748



3E5C3D

Complementary

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



315879



795231

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.



535832



315879



734C38

Square

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



315879



75475A



655230



255E4F

Rectangle

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



315879



604D70



655230



455B39

Sweetspot

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



315879



82919E



317951



3E474F



CFCFCF



4F4F4F

Same Dimension

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



315879



2E6B9E



313579



373A3D



00447D



0089FC

Inverse Universe

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



793158



9E2E6B



797531



3D373A



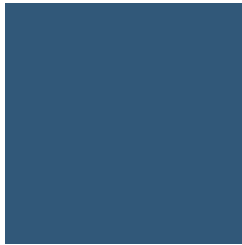
7D0044



FC0089

Previews

White Background



This preview shows how the Hex color 315879 looks on a white background.

Color Contrast Check

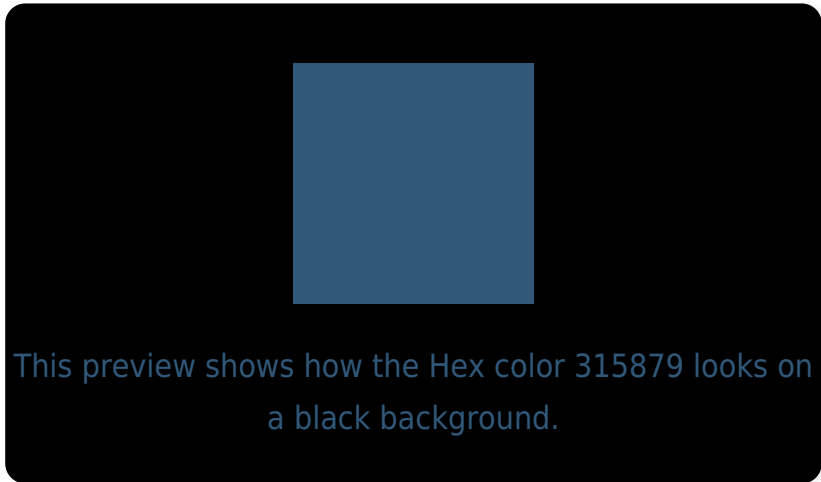
Large Text (above 18pt) WCAG AA ✓ Pass

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

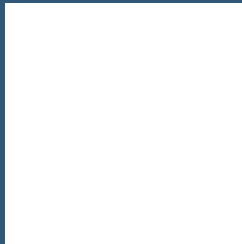
Any Text WCAG AAA × Fail

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

Hex 315879 Background



This preview shows how black text looks on a background with the Hex color 315879.



This preview shows how white text looks on a background with the Hex color 315879.

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


315879

Protanopia

4A5375

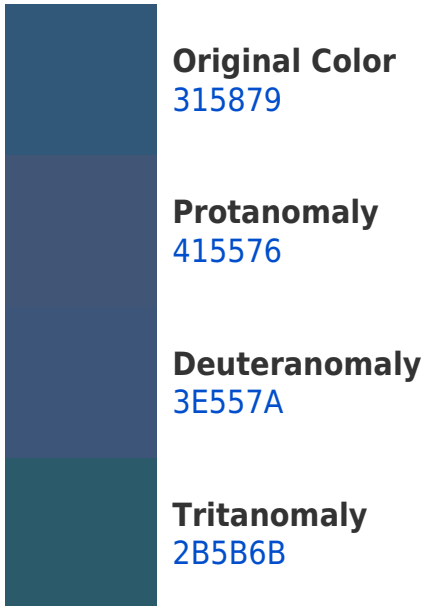
Deuteranopia

45547A

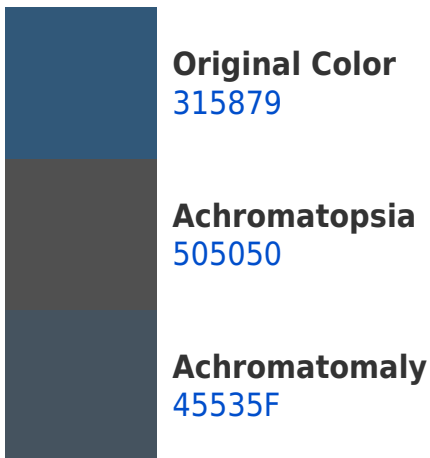


Tritanopia
285C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 315879 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 #315879 looks like.

```
.text, #text, p{  
    color:#315879  
}
```

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 #315879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315879
}
```

Border

The CSS property to change the border of an element to Hex 315879 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
#315879 }
```

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

```
.border{ border-color:#315879 }
```

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

Here you see how a box with a 4 pixel #315879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315879; -webkit-box-shadow:4px 4px  
4px 4px #315879; box-shadow:4px 4px 4px  
4px #315879 }
```

Background

The CSS property to change the background color of an element to Hex 315879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315879 }
```

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

```
.background{ background-color:#315879 }
```

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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