

Converting Colors

Hex(315870)

Have a look what the booklet for
Hex(315870) contains.

Hex(315870)	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(315870)

Conversions

Conversions Part 1

Format	Color
Hex	315870
RGB	49, 88, 112
RGB Percent	19%, 35%, 44%
CMY	0.8078, 0.6549, 0.5608
CMYK	0.56, 0.21, 0.00, 0.56
HSL	203°, 39%, 32%
HSV	203°, 56%, 44%
XYZ	7.6810, 8.8023, 16.6234
YIQ	79.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

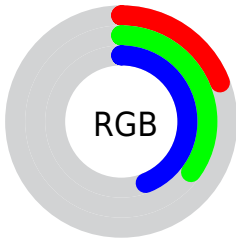
Format	Color
R_{YB}	49, 73, 112
Decimal	3233904
CIE _{Lab}	35.60, -6.25, -17.93
CIE _{LCh}	36, 18.984, 250.788
Yxy	8.8023, 0.2320, 0.2659
Android (android.graphics.Color)	4281423984 (0xFF315870)
YUV	79.0750, 16.2320, -26.3758
Hunter-Lab	29.6686, -5.7078, -12.4523




Details

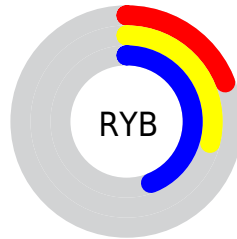
The Hex color **315870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704931**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **648AA4**, and **002B40** is the 20% darker color. If you saturate the color by 10%, you get **265470**, and if you desaturate by 10%, it is **3C5C70**.

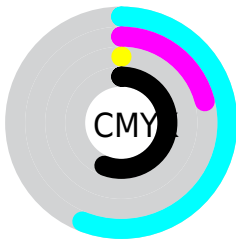
Distribution







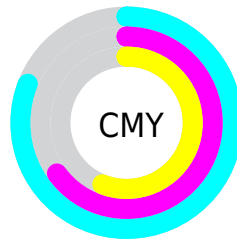
-  Red (19%)
-  Green (35%)
-  Blue (44%)






-  Red (19%)
-  Yellow (29%)
-  Blue (44%)



-  Cyan (56%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315870 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 315870 by changing the saturation by 10% instead.

■ 315870

■ 315870

FFFFFF

■ 164158

■ 648AA4

■ 002B40

■ 7EA4BF

■ 00172A

■ 99BFDB

■ 000115

■ B5DBF7

■ 000000

■ D1F8FF

■ EEEFFF

■ 315870

■ 315870

■ 265470

■ 3C5C70

■ 1B4F70

■ 476170

■ 0F4B70

■ 536570

■ 044770

■ 5E6970

■ 004570

■ 696D70

■ 747270

■ 7F7670

■ 8B7A70

■ 967E70

Harmonies

Analogous

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



225B67



315870



485371

Triad

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



315870



72484F



48593C

Complementary

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



315870



704931

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.



595536



315870



704B41

Square

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



315870



6B4A5E



674F37



365B49

Rectangle

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



315870



56506E



674F37



4E5739

Sweetspot

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



315870



798891



317048



3B444A



C9C9C9



4A4A4A

Same Dimension

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



315870



2F6C91



313970



323638



004A78



0099F7

Inverse Universe

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



703158



912F6C



706831



383236



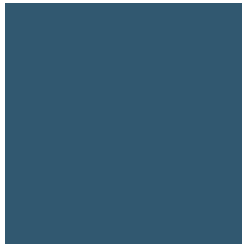
78004A



F70099

Previews

White Background



This preview shows how the Hex color 315870 looks on a white background.

Color Contrast Check

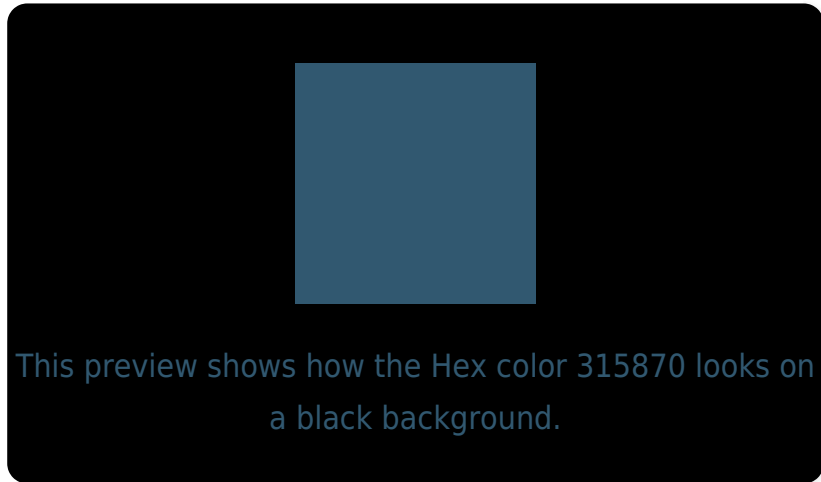
Large Text (above 18pt) WCAG AA ✓ Pass

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

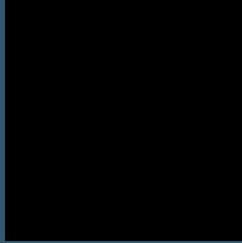
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

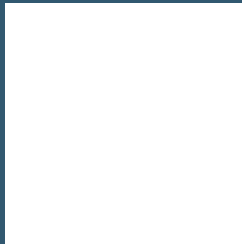
Any Text WCAG AAA × Fail

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

Hex 315870 Background



This preview shows how black text looks on a background with the Hex color 315870.

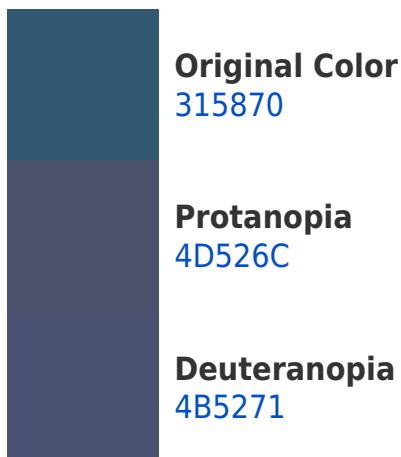


This preview shows how white text looks on a background with the Hex color 315870.

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](#).

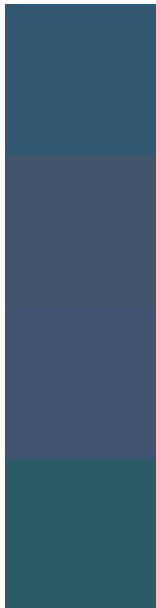
Dichromacy





Tritanopia
2B5B62

Trichromacy



Original Color
315870

Protanomaly
43546D

Deuteranomaly
425471

Tritanomaly
2D5A67

Monochromacy



Original Color
315870

Achromatopsia
4F4F4F

Achromatomaly
44525B

CSS Examples

Text

The CSS property to change the color of the text to Hex 315870 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 #315870 looks like.

```
.text, #text, p{  
    color:#315870  
}
```

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 #315870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315870
}
```

Border

The CSS property to change the border of an element to Hex 315870 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
#315870 }
```

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

```
.border{ border-color:#315870 }
```

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

Here you see how a box with a 4 pixel #315870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315870; -webkit-box-shadow:4px 4px  
4px 4px #315870; box-shadow:4px 4px 4px  
4px #315870 }
```

Background

The CSS property to change the background color of an element to Hex 315870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315870 }
```

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

```
.background{ background-color:#315870 }
```

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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