

Converting Colors

Hex(315965)

Have a look what the booklet for
Hex(315965) contains.

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Color

Hex(315965)

Conversions

Conversions Part 1

Format	Color
Hex	315965
RGB	49, 89, 101
RGB Percent	19%, 35%, 40%
CMY	0.8078, 0.6510, 0.6039
CMYK	0.51, 0.12, 0.00, 0.60
HSL	194°, 35%, 29%
HSV	194°, 51%, 40%
XYZ	7.1880, 8.7373, 13.6195
YIQ	78.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

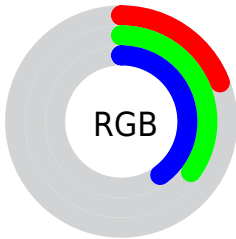
Format	Color
RYB	49, 72, 101
Decimal	3234149
CIELab	35.47, -10.43, -11.27
CIElCh	35, 15.357, 227.240
Yxy	8.7373, 0.2433, 0.2957
Android (android.graphics.Color)	4281424229 (0xFF315965)
YUV	78.4080, 11.1379, -25.7908
Hunter-Lab	29.5589, -8.3216, -6.6271

Details

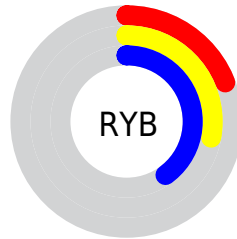
The Hex color **315965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653D31**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **638B98**, and **002B36** is the 20% darker color. If you saturate the color by 10%, you get **275765**, and if you desaturate by 10%, it is **3B5B65**.

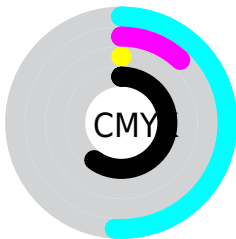
Distribution



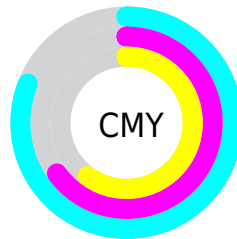
- Red (19%)
- Green (35%)
- Blue (40%)



- Red (19%)
- Yellow (28%)
- Blue (40%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315965 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 315965 by changing the saturation by 10% instead.

■ 315965

■ 315965

FFFFFF

■ 17424D

■ 638B98

■ 002B36

■ 7DA5B3

■ 001821

■ 98C1CE

■ 000008

■ B3DCEA

■ 000000

■ CFF9FF

■ ECFFFF

■ 315965

■ 315965

■ 275765

■ 3B5B65

■ 1D5465

■ 455E65

■ 135265

■ 4F6065

■ 095065

■ 596265

■ 004E65

■ 646565

■ 6E6765

■ 786965

■ 826C65

■ 8C6E65

Harmonies

Analogous

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



305A5A



315965



3D566B

Triad

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



315965



694B59



55553C

Complementary

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



315965



653D31

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.



61513C



315965



6C4B4D

Square

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



315965



5E4E64



6A4D42



475842

Rectangle

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



315965



48546C



6A4D42



59543B

Sweetspot

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



315965



6F7E82



31653C



364042



C2C2C2



424242

Same Dimension

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



315965



316F82



314065



2E3233



005873



00BAF2

Inverse Universe

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



653159



82316F



655631



332E32



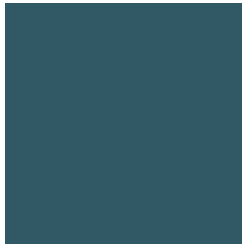
730058



F200BA

Previews

White Background



This preview shows how the Hex color 315965 looks on a white background.

Color Contrast Check

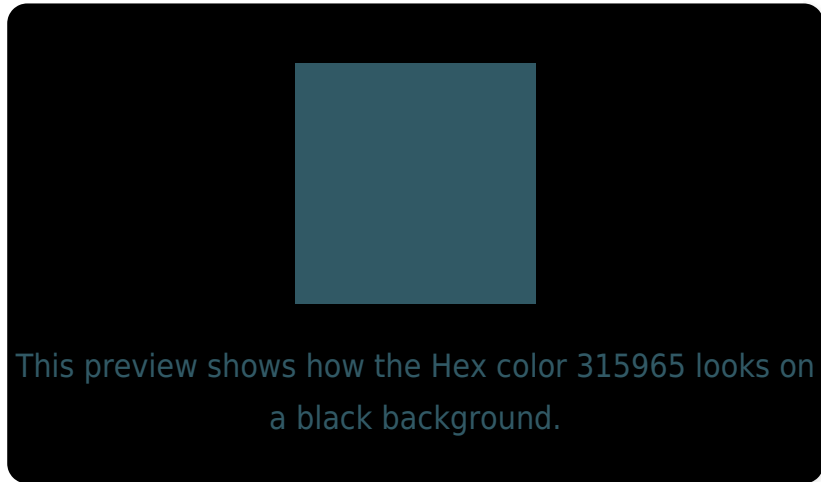
Large Text (above 18pt) WCAG AA ✓ Pass

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

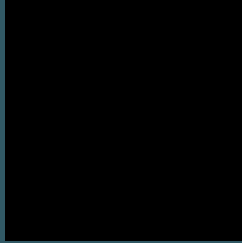
Any Text WCAG AA × Fail

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 315965 Background



This preview shows how black text looks on a background with the Hex color 315965.

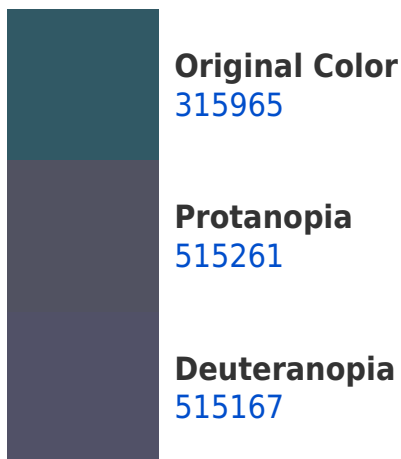


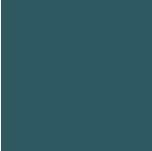
This preview shows how white text looks on a background with the Hex color 315965.

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
305A61

Trichromacy



Original Color
315965

Protanomaly
455562

Deuteranomaly
455466

Tritanomaly
305A62

Monochromacy



Original Color
315965

Achromatopsia
4E4E4E

Achromatomaly
435256

CSS Examples

Text

The CSS property to change the color of the text to Hex 315965 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 #315965 looks like.

```
.text, #text, p{  
    color:#315965  
}
```

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 #315965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315965
}
```

Border

The CSS property to change the border of an element to Hex 315965 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
#315965 }
```

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

```
.border{ border-color:#315965 }
```

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

Here you see how a box with a 4 pixel #315965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315965; -webkit-box-shadow:4px 4px  
4px 4px #315965; box-shadow:4px 4px 4px  
4px #315965 }
```

Background

The CSS property to change the background color of an element to Hex 315965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315965 }
```

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

```
.background{ background-color:#315965 }
```

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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