

Converting Colors

Hex(315651)

Have a look what the booklet for
Hex(315651) contains.

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Color

Hex(315651)

Conversions

Conversions Part 1

Format	Color
Hex	315651
RGB	49, 86, 81
RGB Percent	19%, 34%, 32%
CMY	0.8078, 0.6627, 0.6824
CMYK	0.43, 0.00, 0.06, 0.66
HSL	172°, 27%, 26%
HSV	172°, 43%, 34%
XYZ	6.0796, 7.9026, 8.9895
YIQ	74.3670, -20.4470, -9.3990

Conversions

Conversions Part 2

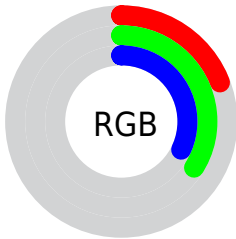
Format	Color
R_{YB}	49, 69, 86
Decimal	3233361
CIE _{Lab}	33.78, -14.60, -1.26
CIE _{LCh}	34, 14.657, 184.936
Yxy	7.9026, 0.2647, 0.3440
Android (android.graphics.Color)	4281423441 (0xFF315651)
YUV	74.3670, 3.2701, -22.2469
Hunter-Lab	28.1116, -10.5917, 0.7184

Details

The Hex color **315651** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **563136**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **628882**, and **012925** is the 20% darker color. If you saturate the color by 10%, you get **285650**, and if you desaturate by 10%, it is **3A5652**.

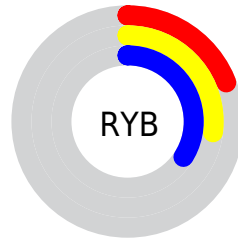
Distribution



Red (19%)

Green (34%)

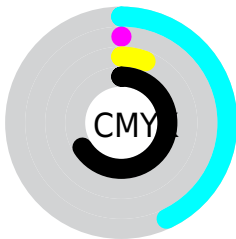
Blue (32%)



Red (19%)

Yellow (27%)

Blue (34%)

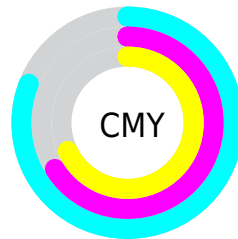


Cyan (43%)

Magenta (0%)

Yellow (6%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315651 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 315651 by changing the saturation by 10% instead.

■ 315651

■ 315651

FFFFFF

■ 193F3A

■ 628882

■ 012925

■ 7BA29C

■ 00150F

■ 95BDB7

■ 000000

■ B0D9D3

■ CCF6EF

■ E8FFFF

■ 315651

■ 315651

■ 285650

■ 3A5652

■ 20564F

■ 425653

■ 17564E

■ 4B5654

■ 0F564C

■ 535656

■ 06564B

■ 5C5657

■ 00564A

■ 655658

■ 6D5659

■ 76565A

■ 7E565B

Harmonies

Analogous

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



3C5545



315651



2D555C

Triad

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



315651



544C62



604B3B

Complementary

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



315651



563136

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.



664843



315651



604859

Square

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



315651



445066



66474E



564F38

Rectangle

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



315651



315462



66474E



634A3D

Sweetspot

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



315651



62706E



375631



2F3837



B8B8B8



383838

Same Dimension

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



315651



367068



314956



272B2B



006B5D



00EBCB

Inverse Universe

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



563136



70363E



563E31



2B2728



6B000E



EB0020

Previews

White Background



This preview shows how the Hex color 315651 looks on a white background.

Color Contrast Check

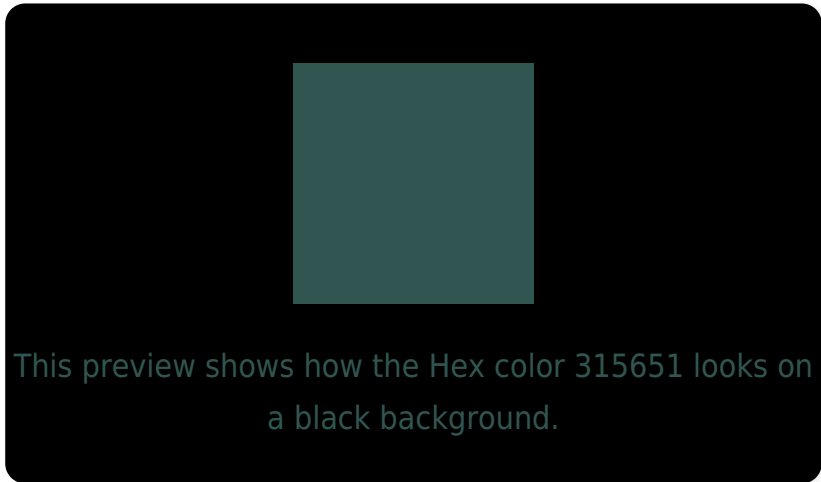
Large Text (above 18pt) WCAG AA ✓ Pass

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

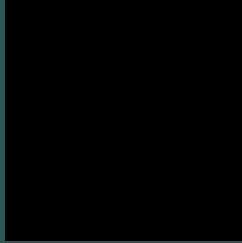
Any Text WCAG AA × Fail

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 315651 Background



This preview shows how black text looks on a background with the Hex color 315651.



This preview shows how white text looks on a background with the Hex color 315651.

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
315651

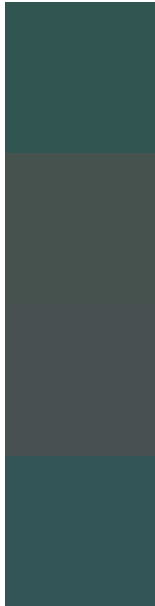
Protanopia
514F4D

Deuteranopia
554D53



Tritanopia
34545B

Trichromacy



Original Color
315651

Protanomaly
45524E

Deuteranomaly
485052

Tritanomaly
335557

Monochromacy



Original Color
315651

Achromatopsia
4A4A4A

Achromatomaly
414E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 315651 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 #315651 looks like.

```
.text, #text, p{  
    color:#315651  
}
```

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 #315651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315651
}
```

Border

The CSS property to change the border of an element to Hex 315651 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
#315651 }
```

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

```
.border{ border-color:#315651 }
```

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

Here you see how a box with a 4 pixel #315651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315651; -webkit-box-shadow:4px 4px  
4px 4px #315651; box-shadow:4px 4px 4px  
4px #315651 }
```

Background

The CSS property to change the background color of an element to Hex 315651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315651 }
```

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

```
.background{ background-color:#315651 }
```

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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