

# Converting Colors

Hex(315151)

Have a look what the booklet for  
Hex(315151) contains.

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# Color

**Hex(315151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	315151
RGB	49, 81, 81
RGB Percent	19%, 32%, 32%
CMY	0.8078, 0.6824, 0.6824
CMYK	0.40, 0.00, 0.00, 0.68
HSL	180°, 25%, 25%
HSV	180°, 40%, 32%
XYZ	5.6943, 7.1319, 8.8611
YIQ	71.4320, -19.0720, -6.7840

# Conversions

## Conversions Part 2

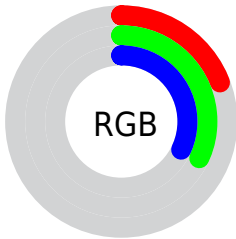
Format	Color
<b>R<sub>YB</sub></b>	49, 65, 81
Decimal	3232081
CIE Lab	32.11, -11.71, -3.73
CIE LCh	32, 12.285, 197.677
Yxy	7.1319, 0.2626, 0.3289
Android (android.graphics.Color)	4281422161 (0xFF315151)
YUV	71.4320, 4.7170, -19.6729
Hunter-Lab	26.7056, -8.6746, -0.9788

# Details

The Hex color **315151** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513131**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **618282**, and **032425** is the 20% darker color. If you saturate the color by 10%, you get **295151**, and if you desaturate by 10%, it is **395151**.

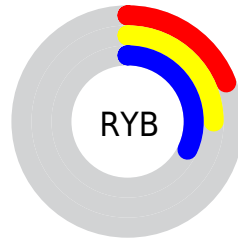
# Distribution



 Red (19%)

 Green (32%)

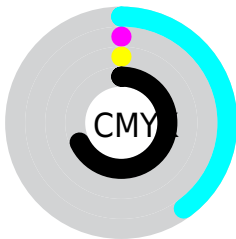
 Blue (32%)




 Red (19%)

 Yellow (25%)

 Blue (32%)

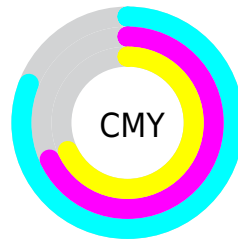


 Cyan (40%)

 Magenta (0%)

 Yellow (0%)

 Black (68%)



 Cyan (81%)

 Magenta (68%)

 Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 315151 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 315151 by changing the saturation by 10% instead.



■ 315151

■ 315151

FFFFFF

■ 1A3A3A

■ 618282

■ 032425

■ 7B9C9C

■ 000F0F

■ 95B7B7

■ 000000

■ B0D3D3

■ CBEFEF

■ E8FFFF

■ 315151

■ 315151

■ 295151

■ 395151

■ 215151

■ 415151

■ 195151

■ 495151

■ 115151

■ 515151

■ 095151

■ 5A5151

■ 005151

■ 625151

■ 6A5151

■ 725151

■ 7A5151

# Harmonies

## Analogous

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



385147



315151



325059

# Triad

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



315151



544759



574A39

# Complementary

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



315151



513131

# 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.



5D473E



315151



5C4550

# Square

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



315151



484A5E



5F4546



4D4D39

# Rectangle

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



315151



374E5D



5F4546



59483A



# Sweetspot

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



315151



5C6969



315131



2E3636



B5B5B5



363636



# Same Dimension

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



315151



376969



314151



252929



006969



00E8E8



# Inverse Universe

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



513151



693769



514131



292529



690069



E800E8



# Previews

## White Background



This preview shows how the Hex color 315151 looks on a white background.

## Color Contrast Check

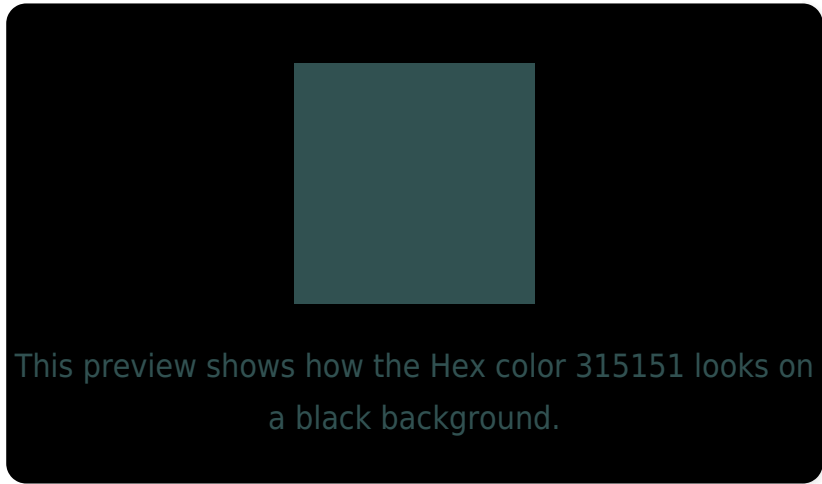
Large Text (above 18pt) WCAG AA ✓ Pass

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

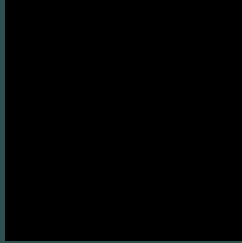
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 315151 Background



This preview shows how black text looks on a background with the Hex color 315151.



This preview shows how white text looks on a background with the Hex color 315151.

# 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**  
315151

**Protanopia**  
4C4B4D

**Deuteranopia**  
4F4953



**Tritanopia**  
335057

# Trichromacy



**Original Color**  
315151

**Protanomaly**  
424D4E

**Deuteranomaly**  
444C52

**Tritanomaly**  
325055

# Monochromacy



**Original Color**  
315151

**Achromatopsia**  
474747

**Achromatomaly**  
3F4B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 315151 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 #315151 looks like.

```
.text, #text, p{  
  color:#315151  
}
```

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 #315151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315151
}
```

## Border

The CSS property to change the border of an element to Hex 315151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

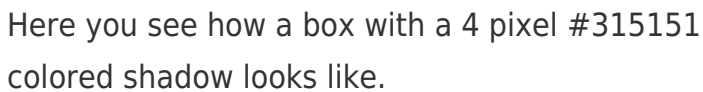
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#315151 }
```

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

```
.border{ border-color:#315151 }
```

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



Here you see how a box with a 4 pixel #315151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315151; -webkit-box-shadow:4px 4px  
4px 4px #315151; box-shadow:4px 4px 4px  
4px #315151 }
```

# Background

The CSS property to change the background color of an element to Hex 315151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315151 }
```

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

```
.background{ background-color:#315151 }
```

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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