

# Converting Colors

Hex(314241)

Have a look what the booklet for  
Hex(314241) contains.

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# Color

**Hex(314241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	314241
RGB	49, 66, 65
RGB Percent	19%, 26%, 25%
CMY	0.8078, 0.7412, 0.7451
CMYK	0.26, 0.00, 0.02, 0.74
HSL	176°, 15%, 23%
HSV	176°, 26%, 26%
XYZ	4.1690, 4.9311, 5.7331
YIQ	60.8030, -9.8110, -3.9150

# Conversions

## Conversions Part 2

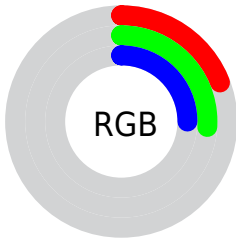
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 58, 66
Decimal	3228225
CIE Lab	26.54, -7.02, -1.62
CIE LCh	27, 7.203, 193.008
Yxy	4.9311, 0.2811, 0.3324
Android (android.graphics.Color)	4281418305 (0xFF314241)
YUV	60.8030, 2.0691, -10.3512
Hunter-Lab	22.2060, -5.3487, 0.2368

# Details

The Hex color **314241** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423132**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **607271**, and **041817** is the 20% darker color. If you saturate the color by 10%, you get **2A4241**, and if you desaturate by 10%, it is **384241**.

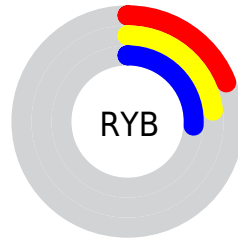
# Distribution



Red (19%)

Green (26%)

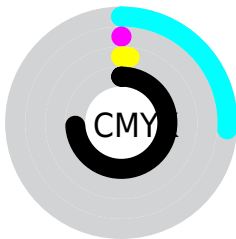
Blue (25%)



Red (19%)

Yellow (23%)

Blue (26%)

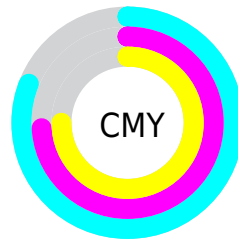


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (74%)



Cyan (81%)

Magenta (74%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 314241 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 314241 by changing the saturation by 10% instead.



■ 314241

■ 314241

FFFFFF

■ 1C2C2B

■ 607271

■ 041817

■ 798B8A

■ 000000

■ 92A6A4

■ ADC1C0

■ C8DDDB

■ E5F9F8

■ 314241

■ 314241

■ 2A4241

■ 384241

■ 244240

■ 3E4242

■ 1D4240

■ 454242

■ 17423F

■ 4B4243

■ 10423F

■ 524243

■ 09423F

■ 594243

■ 03423E

■ 5F4244

■ 00423E

■ 664244

■ 6C4244

# Harmonies

## Analogous

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



35423B



314241



314146

# Triad

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



314241



433D47



463D34

# Complementary

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



314241



423132

# 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.



4A3C38



314241



483B42

# Square

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



314241



3C3E49



4A3B3D



413F34

# Rectangle

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



314241



334148



4A3B3D



483D35



# Sweetspot

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



314241



505756



324231



272B2B



ABABAB



2B2B2B



# Same Dimension

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



314241



3C5755



313B42



1E2121



00615B



00E0D3



# Inverse Universe

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



423132



573C3D



423831



211E1E



610006

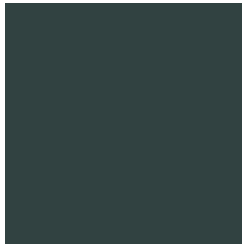


E0000D



# Previews

## White Background



This preview shows how the Hex color 314241 looks on a white background.

## Color Contrast Check

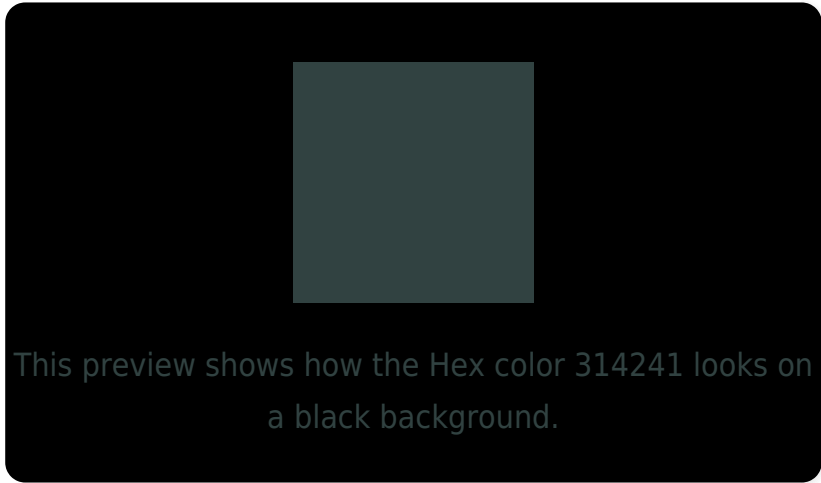
Large Text (above 18pt) WCAG AA ✓ Pass

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

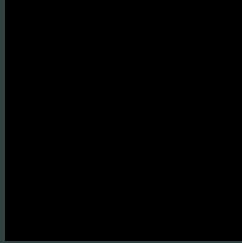
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 314241 Background



This preview shows how black text looks on a background with the Hex color 314241.



This preview shows how white text looks on a background with the Hex color 314241.

# 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](#).

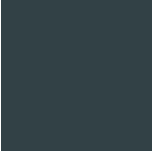
## Dichromacy



**Original Color**  
314241

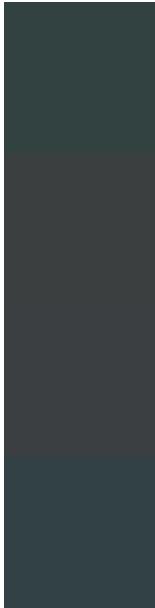
**Protanopia**  
403E3F

**Deuteranopia**  
433D42



**Tritanopia**  
324146

# Trichromacy



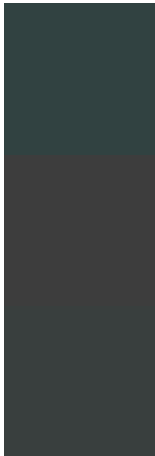
**Original Color**  
314241

**Protanomaly**  
3B3F40

**Deuteranomaly**  
3C3F42

**Tritanomaly**  
324144

# Monochromacy



**Original Color**  
314241

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
393F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 314241 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 #314241 looks like.

```
.text, #text, p{  
    color:#314241  
}
```

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 #314241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314241
}
```

## Border

The CSS property to change the border of an element to Hex 314241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

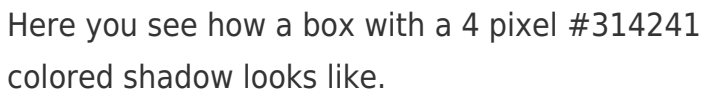
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314241 }
```

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

```
.border{ border-color:#314241 }
```

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



Here you see how a box with a 4 pixel #314241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314241; -webkit-box-shadow:4px 4px  
4px 4px #314241; box-shadow:4px 4px 4px  
4px #314241 }
```

# Background

The CSS property to change the background color of an element to Hex 314241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314241 }
```

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

```
.background{ background-color:#314241 }
```

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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