

# Converting Colors

Hex(314C52)

Have a look what the booklet for  
Hex(314C52) contains.

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# Color

Hex(314C52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	314C52
RGB	49, 76, 82
RGB Percent	19%, 30%, 32%
CMY	0.8078, 0.7020, 0.6784
CMYK	0.40, 0.07, 0.00, 0.68
HSL	191°, 25%, 26%
HSV	191°, 40%, 32%
XYZ	5.3741, 6.4310, 8.9407
YIQ	68.6110, -18.0180, -3.8580

# Conversions

## Conversions Part 2

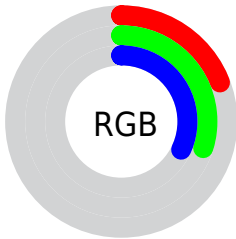
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 64, 82
Decimal	3230802
CIE <sub>Lab</sub>	30.47, -8.42, -6.80
CIE <sub>LCh</sub>	30, 10.820, 218.940
Yxy	6.4310, 0.2590, 0.3100
Android (android.graphics.Color)	4281420882 (0xFF314C52)
YUV	68.6110, 6.6008, -17.1988
Hunter-Lab	25.3595, -6.5524, -3.1516

# Details

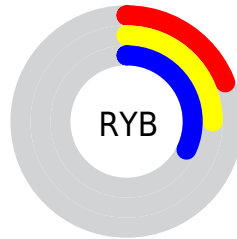
The Hex color **314C52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **523731**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **617D83**, and **032025** is the 20% darker color. If you saturate the color by 10%, you get **294B52**, and if you desaturate by 10%, it is **394D52**.

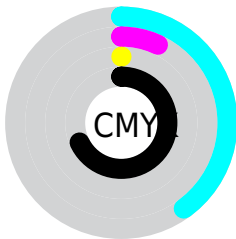
# Distribution



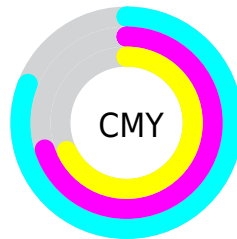
- Red (19%)
- Green (30%)
- Blue (32%)



- Red (19%)
- Yellow (25%)
- Blue (32%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (68%)



- Cyan (81%)
- Magenta (70%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 314C52 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 314C52 by changing the saturation by 10% instead.



■ 314C52

■ 314C52

FFFFFF

■ 1A353B

■ 617D83

■ 032025

■ 7A979D

■ 000411

■ 94B1B8

■ 000000

■ AFCDD4

■ CBE9F0

■ E7FFFF

■ 314C52

■ 314C52

■ 294B52

■ 394D52

■ 214952

■ 414F52

■ 184852

■ 4A5052

■ 104652

■ 525252

■ 084552

■ 5A5352

■ 004352

■ 625552

■ 6A5652

■ 735852

■ 7B5952

# Harmonies

## Analogous

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



324D4A



314C52



374A57

# Triad

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



314C52



55434E



4C4837

# Complementary

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



314C52



523731

# 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.



544538



314C52



594245

# Square

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



314C52



4C4555



58433E



424A3A

# Rectangle

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



314C52



3E4958



58433E



4F4737



# Sweetspot

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



314C52



5E696B



315236



2E3436



B5B5B5



363636



# Same Dimension

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



314C52



38626B



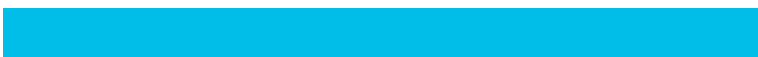
313C52



252829



005669



00BEE8



# Inverse Universe

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



52314C



6B3862



524731



292528



690056



E800BE



# Previews

## White Background



This preview shows how the Hex color 314C52 looks on a white background.

## Color Contrast Check

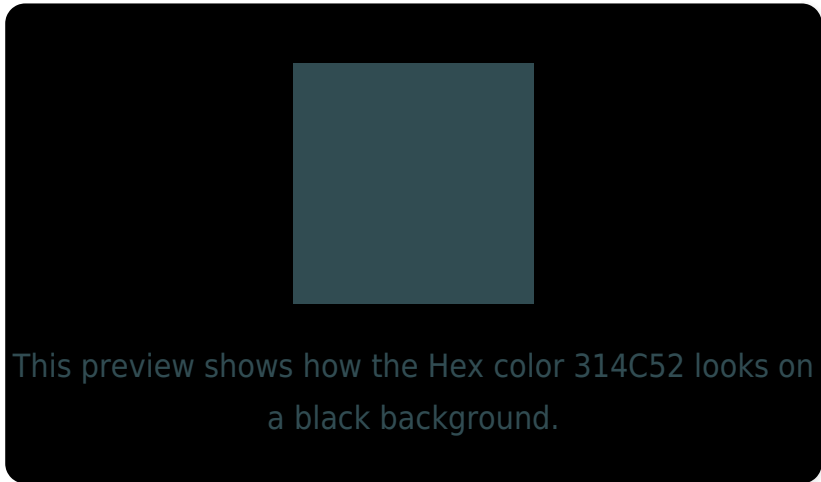
Large Text (above 18pt) WCAG AA ✓ Pass

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

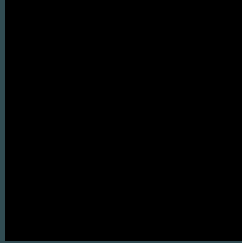
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

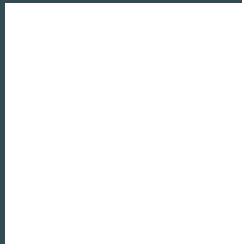
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 314C52 Background



This preview shows how black text looks on a background with the Hex color 314C52.



This preview shows how white text looks on a background with the Hex color 314C52.

# 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**  
314C52

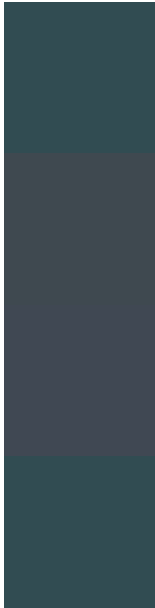
**Protanopia**  
47474F

**Deuteranopia**  
494653



**Tritanopia**  
314C52

# Trichromacy



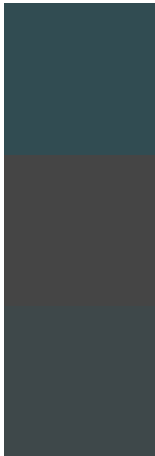
**Original Color**  
314C52

**Protanomaly**  
3F4950

**Deuteranomaly**  
404853

**Tritanomaly**  
314C52

# Monochromacy



**Original Color**  
314C52

**Achromatopsia**  
454545

**Achromatomaly**  
3E484A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 314C52 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 #314C52 looks like.

```
.text, #text, p{  
    color:#314C52  
}
```

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 #314C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314C52
}
```

## Border

The CSS property to change the border of an element to Hex 314C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

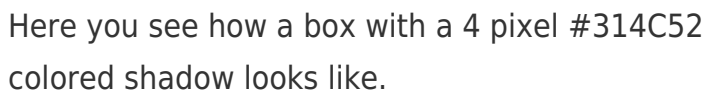
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314C52 }
```

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

```
.border{ border-color:#314C52 }
```

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



Here you see how a box with a 4 pixel #314C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314C52; -webkit-box-shadow:4px 4px  
4px 4px #314C52; box-shadow:4px 4px 4px  
4px #314C52 }
```

# Background

The CSS property to change the background color of an element to Hex 314C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314C52 }
```

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

```
.background{ background-color:#314C52 }
```

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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