

Converting Colors

Hex(314541)

Have a look what the booklet for
Hex(314541) contains.

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Color

Hex(314541)

Conversions

Conversions Part 1

Format	Color
Hex	314541
RGB	49, 69, 65
RGB Percent	19%, 27%, 25%
CMY	0.8078, 0.7294, 0.7451
CMYK	0.29, 0.00, 0.06, 0.73
HSL	168°, 17%, 23%
HSV	168°, 29%, 27%
XYZ	4.3489, 5.2909, 5.7931
YIQ	62.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

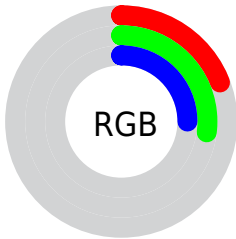
Format	Color
R_{YB}	49, 60, 69
Decimal	3228993
CIE _{Lab}	27.55, -8.87, -0.14
CIE _{LCh}	28, 8.874, 180.902
Yxy	5.2909, 0.2818, 0.3428
Android (android.graphics.Color)	4281419073 (0xFF314541)
YUV	62.5640, 1.2009, -11.8956
Hunter-Lab	23.0019, -6.5050, 1.1690

Details

The Hex color **314541** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453135**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **607571**, and **041A17** is the 20% darker color. If you saturate the color by 10%, you get **2A4540**, and if you desaturate by 10%, it is **384542**.

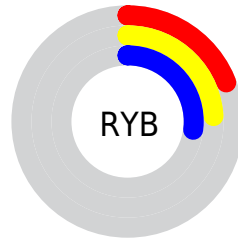
Distribution



Red (19%)

Green (27%)

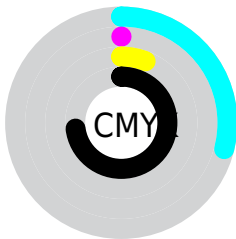
Blue (25%)



Red (19%)

Yellow (24%)

Blue (27%)

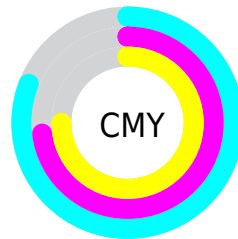


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (73%)



Cyan (81%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314541 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 314541 by changing the saturation by 10% instead.

■ 314541

■ 314541

FFFFFF

■ 1B2F2B

■ 607571

■ 041A17

■ 798F8A

■ 000000

■ 93A9A4

■ ADC5C0

■ C9E1DB

■ E5FDF8

■ 314541

■ 314541

■ 2A4540

■ 384542

■ 23453E

■ 3F4544

■ 1C453D

■ 464545

■ 15453B

■ 4D4547

■ 0F453A

■ 544548

■ 084539

■ 5A4549

■ 014537

■ 61454B

■ 004537

■ 68454C

■ 6F454D

Harmonies

Analogous

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



37443A



314541



2F4548

Triad

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



314541



433F4D



4C3E35

Complementary

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



314541



453135

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.



4F3D3A



314541



4A3D48

Square

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



314541



3A424E



4F3C41



464134

Rectangle

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



314541



30444B



4F3C41



4D3E37

Sweetspot

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



314541



515958



354531



292E2D



ADADAD



2E2E2E

Same Dimension

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



314541



3A5953



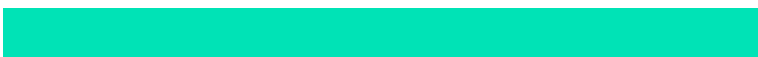
313F45



202423



006350



00E3B6

Inverse Universe

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



453135



593A40



453731



242021



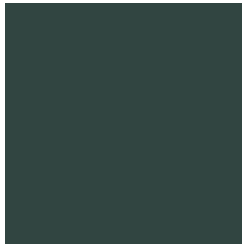
630014



E3002D

Previews

White Background



This preview shows how the Hex color 314541 looks on a white background.

Color Contrast Check

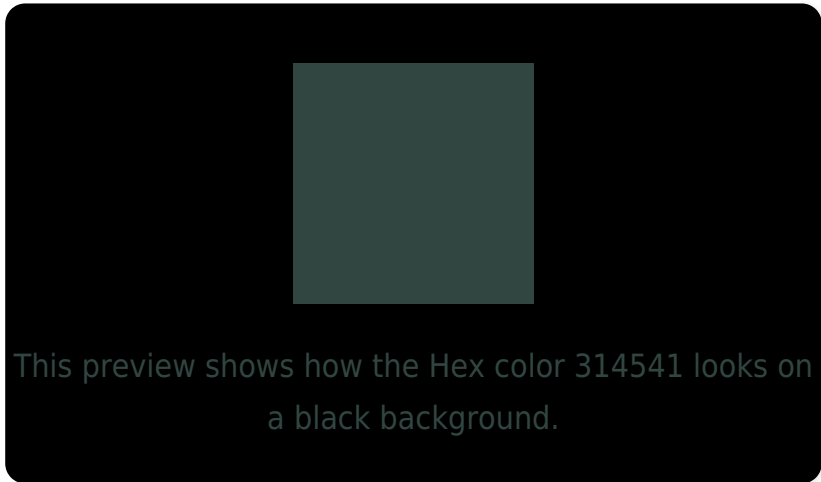
Large Text (above 18pt) WCAG AA ✓ Pass

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

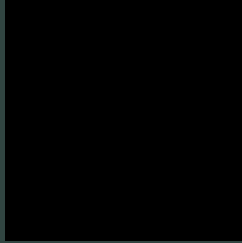
Any Text WCAG AA × Fail

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 314541 Background



This preview shows how black text looks on a background with the Hex color 314541.



This preview shows how white text looks on a background with the Hex color 314541.

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](#).

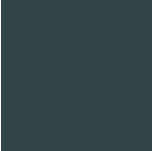
Dichromacy



Original Color
314541

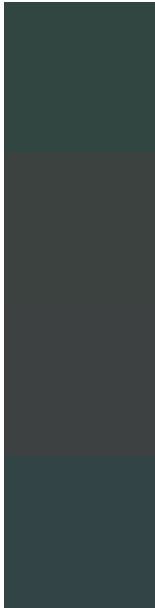
Protanopia
43413F

Deuteranopia
463F42



Tritanopia
334449

Trichromacy



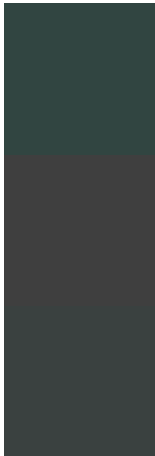
Original Color
314541

Protanomaly
3C4240

Deuteranomaly
3E4142

Tritanomaly
324446

Monochromacy



Original Color
314541

Achromatopsia
3F3F3F

Achromatomaly
3A4140

CSS Examples

Text

The CSS property to change the color of the text to Hex 314541 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 #314541 looks like.

```
.text, #text, p{  
    color:#314541  
}
```

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 #314541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314541
}
```

Border

The CSS property to change the border of an element to Hex 314541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

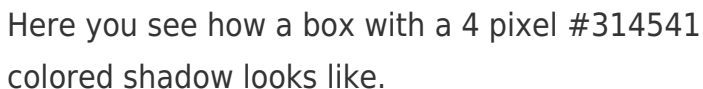
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314541 }
```

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

```
.border{ border-color:#314541 }
```

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



Here you see how a box with a 4 pixel #314541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314541; -webkit-box-shadow:4px 4px  
4px 4px #314541; box-shadow:4px 4px 4px  
4px #314541 }
```

Background

The CSS property to change the background color of an element to Hex 314541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314541 }
```

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

```
.background{ background-color:#314541 }
```

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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