

Converting Colors

Hex(314946)

Have a look what the booklet for
Hex(314946) contains.

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Color

Hex(314946)

Conversions

Conversions Part 1

Format	Color
Hex	314946
RGB	49, 73, 70
RGB Percent	19%, 29%, 27%
CMY	0.8078, 0.7137, 0.7255
CMYK	0.33, 0.00, 0.04, 0.71
HSL	173°, 20%, 24%
HSV	173°, 33%, 29%
XYZ	4.7547, 5.8603, 6.6749
YIQ	65.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

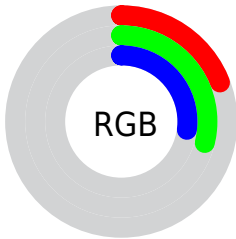
Format	Color
RYB	49, 62, 73
Decimal	3230022
CIELab	29.06, -9.98, -1.18
CIElCh	29, 10.049, 186.718
Yxy	5.8603, 0.2750, 0.3389
Android (android.graphics.Color)	4281420102 (0xFF314946)
YUV	65.4820, 2.2274, -14.4547
Hunter-Lab	24.2080, -7.3049, 0.5974

Details

The Hex color **314946** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **493134**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **607A76**, and **051D1B** is the 20% darker color. If you saturate the color by 10%, you get **2A4945**, and if you desaturate by 10%, it is **384947**.

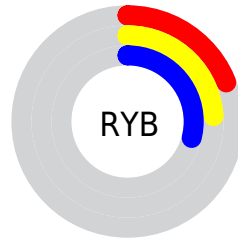
Distribution



Red (19%)

Green (29%)

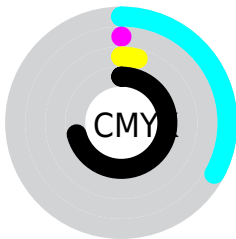
Blue (27%)



Red (19%)

Yellow (24%)

Blue (29%)

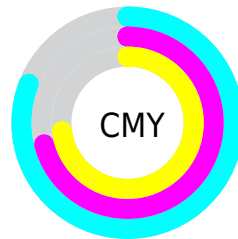


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314946 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 314946 by changing the saturation by 10% instead.

■ 314946

■ 314946

FFFFFF

■ 1B3230

■ 607A76

■ 051D1B

■ 799390

■ 000000

■ 93AEAA

■ AEC9C6

■ C9E6E2

■ E6FFFE

■ 314946

■ 314946

■ 2A4945

■ 384947

■ 224944

■ 404948

■ 1B4943

■ 474949

■ 144942

■ 4E494A

■ 0D4941

■ 56494B

■ 054941

■ 5D494B

■ 004940

■ 64494C

■ 6B494D

■ 73494E

Harmonies

Analogous

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



37483E



314946



30484D

Triad

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



314946



484251



504236

Complementary

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



314946



493134

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.



54403C



314946



50404B

Square

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



314946



3E4554



543F43



494535

Rectangle

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



314946



324851



543F43



524138

Sweetspot

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



314946



555E5D



344931



2B3030



B0B0B0



303030

Same Dimension

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



314946



3A5E5A



314049



202423



006357



00E3C7

Inverse Universe

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



493134



5E3A3E



493A31



242021



63000C



E3001C

Previews

White Background



This preview shows how the Hex color 314946 looks on a white background.

Color Contrast Check

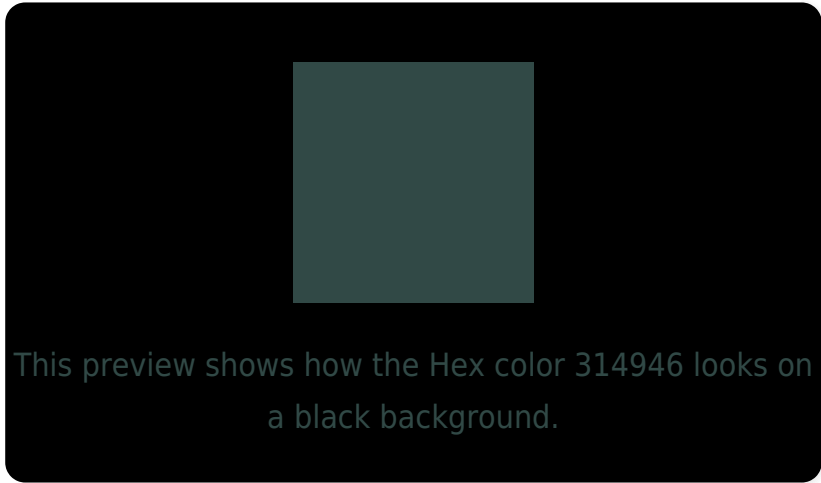
Large Text (above 18pt) WCAG AA ✓ Pass

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

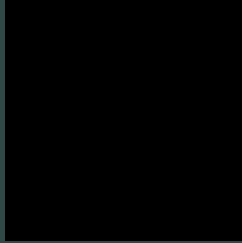
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

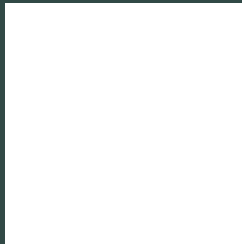
Any Text WCAG AAA × Fail

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

Hex 314946 Background



This preview shows how black text looks on a background with the Hex color 314946.



This preview shows how white text looks on a background with the Hex color 314946.

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
314946

Protanopia
464443

Deuteranopia
494247



Tritanopia
33484E

Trichromacy



Original Color
314946

Protanomaly
3E4644

Deuteranomaly
404547

Tritanomaly
32484B

Monochromacy



Original Color
314946

Achromatopsia
414141

Achromatomaly
3B4443

CSS Examples

Text

The CSS property to change the color of the text to Hex 314946 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 #314946 looks like.

```
.text, #text, p{  
    color:#314946  
}
```

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 #314946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314946
}
```

Border

The CSS property to change the border of an element to Hex 314946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

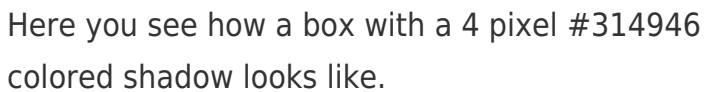
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314946 }
```

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

```
.border{ border-color:#314946 }
```

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



Here you see how a box with a 4 pixel #314946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314946; -webkit-box-shadow:4px 4px  
4px 4px #314946; box-shadow:4px 4px 4px  
4px #314946 }
```

Background

The CSS property to change the background color of an element to Hex 314946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314946 }
```

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

```
.background{ background-color:#314946 }
```

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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