

Converting Colors

Hex(314F47)

Have a look what the booklet for
Hex(314F47) contains.

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Color

Hex(314F47)

Conversions

Conversions Part 1

Format	Color
Hex	314F47
RGB	49, 79, 71
RGB Percent	19%, 31%, 28%
CMY	0.8078, 0.6902, 0.7216
CMYK	0.38, 0.00, 0.10, 0.69
HSL	164°, 23%, 25%
HSV	164°, 38%, 31%
XYZ	5.1999, 6.6999, 6.9804
YIQ	69.1180, -15.3120, -8.8480

Conversions

Conversions Part 2

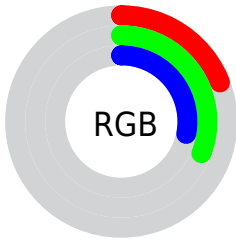
Format	Color
RYB	49, 66, 79
Decimal	3231559
CIELab	31.11, -13.26, 1.19
CIELCh	31, 13.317, 174.895
Yxy	6.6999, 0.2754, 0.3549
Android (android.graphics.Color)	4281421639 (0xFF314F47)
YUV	69.1180, 0.9278, -17.6435
Hunter-Lab	25.8841, -9.4378, 2.1297

Details

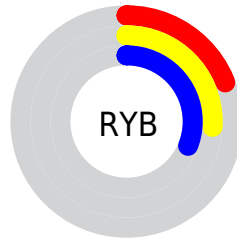
The Hex color **314F47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3139**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **618077**, and **04221C** is the 20% darker color. If you saturate the color by 10%, you get **294F45**, and if you desaturate by 10%, it is **394F49**.

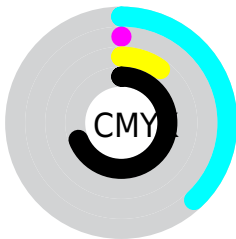
Distribution



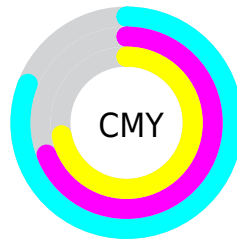
- Red (19%)
- Green (31%)
- Blue (28%)



- Red (19%)
- Yellow (26%)
- Blue (31%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (69%)



- Cyan (81%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314F47 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 314F47 by changing the saturation by 10% instead.

■ 314F47

■ 314F47

FFFFFF

■ 1B3831

■ 618077

■ 04221C

■ 7A9A91

■ 000801

■ 94B5AB

■ 000000

■ AFD1C7

■ CAEDE3

■ E7FFFF

■ 314F47

■ 314F47

■ 294F45

■ 394F49

■ 214F43

■ 414F4B

■ 194F41

■ 494F4D

■ 114F3F

■ 514F4F

■ 0A4F3C

■ 594F52

■ 024F3A

■ 604F54

■ 004F3A

■ 684F56

■ 704F58

■ 784F5A

Harmonies

Analogous

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



3C4E3D



314F47



2B4F52

Triad

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



314F47



49475C



5B4539

Complementary

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



314F47



4F3139

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.



5E4241



314F47



554455

Square

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



314F47



3A4B5E



5D424B



534835

Rectangle

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



314F47



2C4E58



5D424B



5D443B

Sweetspot

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



314F47



5B6663



394F31



2C3331



B3B3B3



333333

Same Dimension

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



314F47



376659



31484F



222625



00664B



00E6A8

Inverse Universe

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



4F3139



663744



4F3831



262223



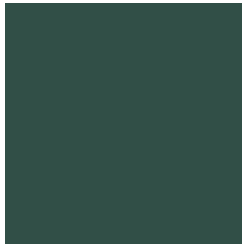
66001B



E6003D

Previews

White Background



This preview shows how the Hex color 314F47 looks on a white background.

Color Contrast Check

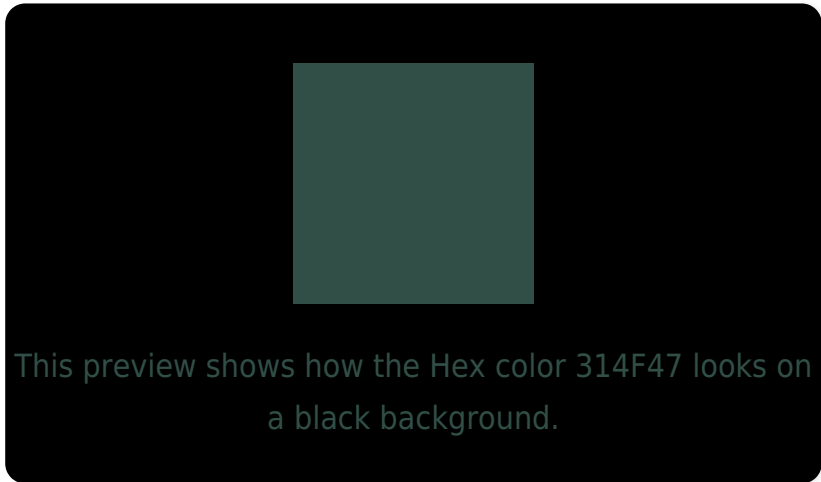
Large Text (above 18pt) WCAG AA ✓ Pass

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

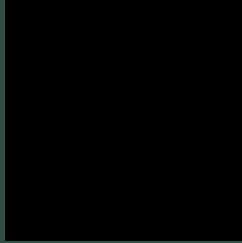
Any Text WCAG AA × Fail

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 314F47 Background



This preview shows how black text looks on a background with the Hex color 314F47.



This preview shows how white text looks on a background with the Hex color 314F47.

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](#).

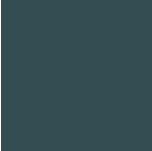
Dichromacy



Original Color
314F47

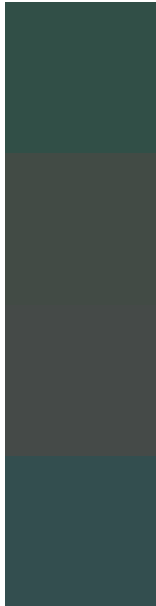
Protanopia
4C4944

Deuteranopia
504749



Tritanopia
344D53

Trichromacy



Original Color
314F47

Protanomaly
424B45

Deuteranomaly
454A48

Tritanomaly
334E4F

Monochromacy



Original Color
314F47

Achromatopsia
454545

Achromatomaly
3E4946

CSS Examples

Text

The CSS property to change the color of the text to Hex 314F47 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 #314F47 looks like.

```
.text, #text, p{  
    color:#314F47  
}
```

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 #314F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314F47  
}
```

Border

The CSS property to change the border of an element to Hex 314F47 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  
#314F47 }
```

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

```
.border{ border-color:#314F47 }
```

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

Here you see how a box with a 4 pixel #314F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314F47; -webkit-box-shadow:4px 4px  
4px 4px #314F47; box-shadow:4px 4px 4px  
4px #314F47 }
```

Background

The CSS property to change the background color of an element to Hex 314F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314F47 }
```

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

```
.background{ background-color:#314F47 }
```

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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