

Converting Colors

Hex(304C3F)

Have a look what the booklet for
Hex(304C3F) contains.

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Color

Hex(304C3F)

Conversions

Conversions Part 1

Format	Color
Hex	304C3F
RGB	48, 76, 63
RGB Percent	19%, 30%, 25%
CMY	0.8118, 0.7020, 0.7529
CMYK	0.37, 0.00, 0.17, 0.70
HSL	152°, 23%, 24%
HSV	152°, 37%, 30%
XYZ	4.7006, 6.1561, 5.6431
YIQ	66.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

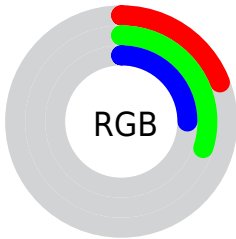
Format	Color
RYB	48, 66, 76
Decimal	3165247
CIELab	29.80, -13.90, 4.40
CIELCh	30, 14.578, 162.419
Yxy	6.1561, 0.2849, 0.3731
Android (android.graphics.Color)	4281355327 (0xFF304C3F)
YUV	66.1460, -1.5510, -15.9140
Hunter-Lab	24.8116, -9.6033, 3.8832

Details

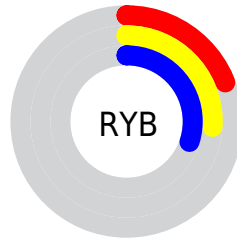
The Hex color **304C3F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C303D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5F7D6F**, and **042015** is the 20% darker color. If you saturate the color by 10%, you get **284C3B**, and if you desaturate by 10%, it is **384C43**.

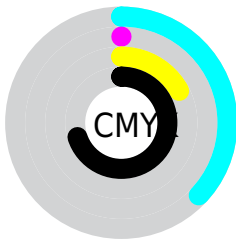
Distribution



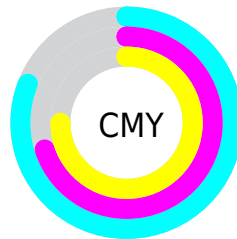
- Red (19%)
- Green (30%)
- Blue (25%)



- Red (19%)
- Yellow (26%)
- Blue (30%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (70%)



- Cyan (81%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304C3F 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 304C3F by changing the saturation by 10% instead.



304C3F



304C3F

FFFFFF



1A3529



5F7D6F



042015



789788



000000



92B2A2



ADCDBD



C8E9D9



E5FFF5



304C3F



304C3F



284C3B



384C43

■ 214C38

■ 3F4C46

■ 194C34

■ 474C4A

■ 124C31

■ 4E4C4D

■ 0A4C2D

■ 564C51

■ 024C2A

■ 5E4C54

■ 004C29

■ 654C58

■ 6D4C5B

■ 744C5F

Harmonies

Analogous

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



3D4A35



304C3F



264D4B

Triad

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



304C3F



3F465C



5B4037

Complementary

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



304C3F



4C303D

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.



5D3E42



304C3F



4E4257

Square

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



304C3F



2F495B



583F4D



544331

Rectangle

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



304C3F



244C52



583F4D



5D3F3B

Sweetspot

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



304C3F



59635E



3D4C30



2C3330



B3B3B3



333333

Same Dimension

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



304C3F



38634F



304B4C



222624



006637



00E67B

Inverse Universe

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



4C303D



63384C



4C3130



262224



66002F



E6006B

Previews

White Background



This preview shows how the Hex color 304C3F looks on a white background.

Color Contrast Check

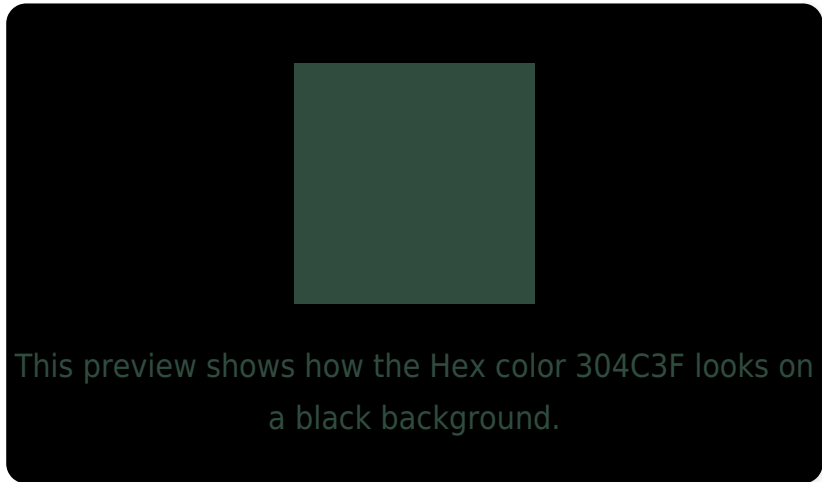
Large Text (above 18pt) WCAG AA ✓ Pass

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

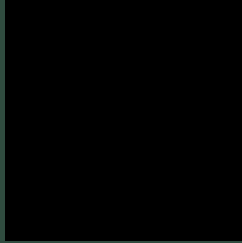
Any Text WCAG AA × Fail

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 304C3F Background



This preview shows how black text looks on a background with the Hex color 304C3F.



This preview shows how white text looks on a background with the Hex color 304C3F.

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](#).

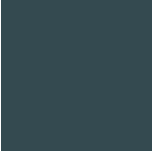
Dichromacy



Original Color
304C3F

Protanopia
4A463C

Deuteranopia
4F4441



Tritanopia
344A50

Trichromacy



Original Color
304C3F

Protanomaly
41483D

Deuteranomaly
444740

Tritanomaly
334B4A

Monochromacy



Original Color
304C3F

Achromatopsia
424242

Achromatomaly
3B4641

CSS Examples

Text

The CSS property to change the color of the text to Hex 304C3F 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 #304C3F looks like.

```
.text, #text, p{  
    color:#304C3F  
}
```

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 #304C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304C3F
}
```

Border

The CSS property to change the border of an element to Hex 304C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

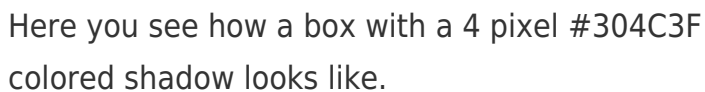
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#304C3F }
```

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

```
.border{ border-color:#304C3F }
```

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



Here you see how a box with a 4 pixel `#304C3F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304C3F; -webkit-box-shadow:4px 4px  
4px 4px #304C3F; box-shadow:4px 4px 4px  
4px #304C3F }
```

Background

The CSS property to change the background color of an element to Hex 304C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304C3F }
```

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

```
.background{ background-color:#304C3F }
```

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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