

Converting Colors

Hex(304336)

Have a look what the booklet for
Hex(304336) contains.

Hex(304336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(304336)

Conversions

Conversions Part 1

Format	Color
Hex	304336
RGB	48, 67, 54
RGB Percent	19%, 26%, 21%
CMY	0.8118, 0.7373, 0.7882
CMYK	0.28, 0.00, 0.19, 0.74
HSL	139°, 17%, 23%
HSV	139°, 28%, 26%
XYZ	3.8919, 4.9090, 4.2324
YIQ	59.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

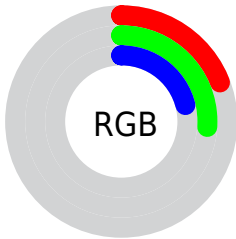
Format	Color
RYB	48, 62, 67
Decimal	3162934
CIELab	26.47, -10.74, 5.48
CIELCh	26, 12.058, 152.962
Yxy	4.9090, 0.2986, 0.3766
Android (android.graphics.Color)	4281353014 (0xFF304336)
YUV	59.8370, -2.8776, -10.3810
Hunter-Lab	22.1563, -7.4187, 4.1835

Details

The Hex color **304336** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43303D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5F7365**, and **02190A** is the 20% darker color. If you saturate the color by 10%, you get **294331**, and if you desaturate by 10%, it is **37433B**.

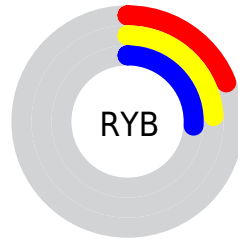
Distribution



Red (19%)

Green (26%)

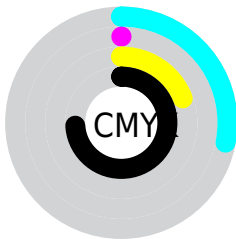
Blue (21%)



Red (19%)

Yellow (24%)

Blue (26%)

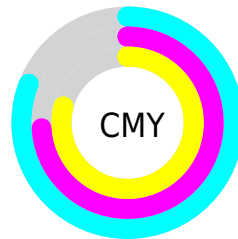


Cyan (28%)

Magenta (0%)

Yellow (19%)

Black (74%)



Cyan (81%)

Magenta (74%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304336 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 304336 by changing the saturation by 10% instead.

■ 304336

■ 304336

FFFFFF

■ 1B2D21

■ 5F7365

■ 02190A

■ 778D7E

■ 000000

■ 91A797

■ ACC2B2

■ C7DECE

■ E3FBEA

■ 304336

■ 304336

■ 294331

■ 37433B

■ 23432D

■ 3D433F

■ 1C4328

■ 444344

■ 154324

■ 4B4348

■ 0E431F

■ 52434D

■ 08431A

■ 584352

■ 014316

■ 5F4356

■ 004315

■ 66435B

■ 6C435F

Harmonies

Analogous

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



3A412F



304336



27443F

Triad

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



304336



353F51



513935

Complementary

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



304336



43303D

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.



51383E



304336



413C4E

Square

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



304336



29424F



4B3947



4C3B2F

Rectangle

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



304336



244445



4B3947



513838

Sweetspot

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



304336



4F5751



3D4330



272B28



ABABAB



2B2B2B

Same Dimension

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



304336



395743



30433F



1E211F



00611F



00E047

Inverse Universe

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



43303D



57394D



433034



211E20



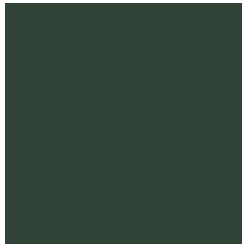
610042



E0009A

Previews

White Background



This preview shows how the Hex color 304336 looks on a white background.

Color Contrast Check

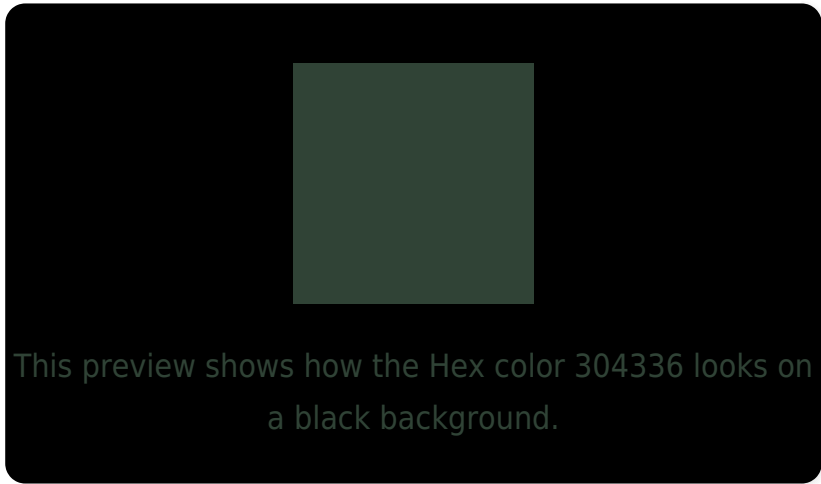
Large Text (above 18pt) WCAG AA ✓ Pass

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

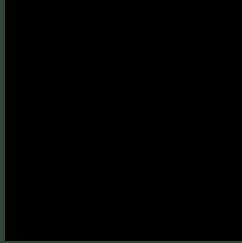
Any Text WCAG AA × Fail

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 304336 Background



This preview shows how black text looks on a background with the Hex color 304336.

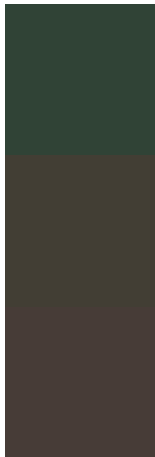


This preview shows how white text looks on a background with the Hex color 304336.

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](#).

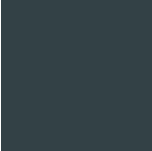
Dichromacy



Original Color
304336

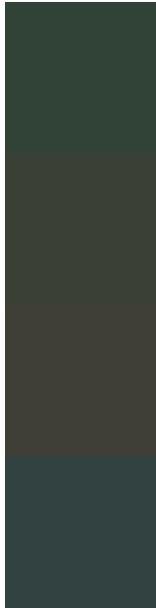
Protanopia
423E34

Deuteranopia
473C37



Tritanopia
334146

Trichromacy



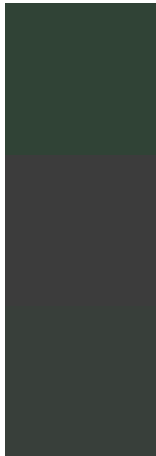
Original Color
304336

Protanomaly
3B4035

Deuteranomaly
3F3F37

Tritanomaly
324240

Monochromacy



Original Color
304336

Achromatopsia
3C3C3C

Achromatomaly
383F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 304336 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 #304336 looks like.

```
.text, #text, p{  
    color:#304336  
}
```

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 #304336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304336
}
```

Border

The CSS property to change the border of an element to Hex 304336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

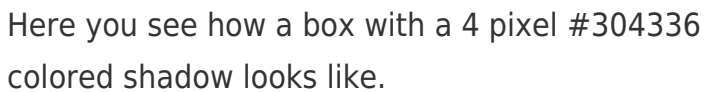
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#304336 }
```

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

```
.border{ border-color:#304336 }
```

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



Here you see how a box with a 4 pixel #304336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304336; -webkit-box-shadow:4px 4px  
4px 4px #304336; box-shadow:4px 4px 4px  
4px #304336 }
```

Background

The CSS property to change the background color of an element to Hex 304336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304336 }
```

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

```
.background{ background-color:#304336 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor