

Converting Colors

Hex(304C47)

Have a look what the booklet for
Hex(304C47) contains.

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Color

Hex(304C47)

Conversions

Conversions Part 1

Format	Color
Hex	304C47
RGB	48, 76, 71
RGB Percent	19%, 30%, 28%
CMY	0.8118, 0.7020, 0.7216
CMYK	0.37, 0.00, 0.07, 0.70
HSL	169°, 23%, 24%
HSV	169°, 37%, 30%
XYZ	4.9407, 6.2522, 6.9076
YIQ	67.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

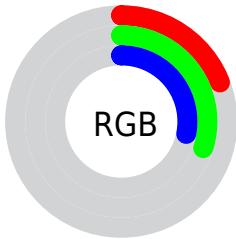
Format	Color
R_{YB}	48, 63, 76
Decimal	3165255
CIE _{Lab}	30.04, -11.84, -0.39
CIE _{LCh}	30, 11.851, 181.871
Yxy	6.2522, 0.2730, 0.3454
Android (android.graphics.Color)	4281355335 (0xFF304C47)
YUV	67.0580, 1.9434, -16.7139
Hunter-Lab	25.0044, -8.4873, 1.1238

Details

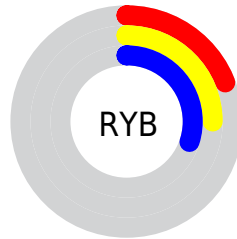
The Hex color **304C47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C3035**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F7D77**, and **04201C** is the 20% darker color. If you saturate the color by 10%, you get **284C46**, and if you desaturate by 10%, it is **384C48**.

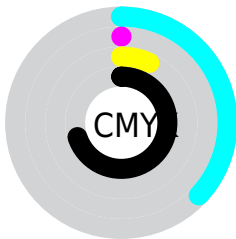
Distribution



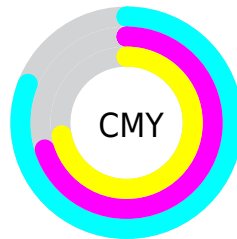
- Red (19%)
- Green (30%)
- Blue (28%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (70%)



- Cyan (81%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304C47 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 304C47 by changing the saturation by 10% instead.

■ 304C47

■ 304C47

FFFFFF

■ 1A3531

■ 5F7D77

■ 04201C

■ 799791

■ 000001

■ 93B2AB

■ 000000

■ ADCDC7

■ C9E9E3

■ E5FFFF

■ 304C47

■ 304C47

■ 284C46

■ 384C48

■ 214C44

■ 3F4C4A

■ 194C43

■ 474C4B

■ 124C42

■ 4E4C4C

■ 0A4C40

■ 564C4E

■ 024C3F

■ 5E4C4F

■ 004C3E

■ 654C51

■ 6D4C52

■ 744C53

Harmonies

Analogous

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



394B3E



304C47



2D4C50

Triad

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



304C47



494456



554337

Complementary

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



304C47



4C3035

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.



59413D



304C47



534150

Square

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



304C47



3D4759



594046



4D4634

Rectangle

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



304C47



2F4B55



594046



574239

Sweetspot

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



304C47



596361



354C30



2C3332



B3B3B3



333333

Same Dimension

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



304C47



38635C



30434C



222626



006654



00E6BD

Inverse Universe

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



4C3035



633840



4C3930



262223



660012



E60029

Previews

White Background



This preview shows how the Hex color 304C47 looks on a white background.

Color Contrast Check

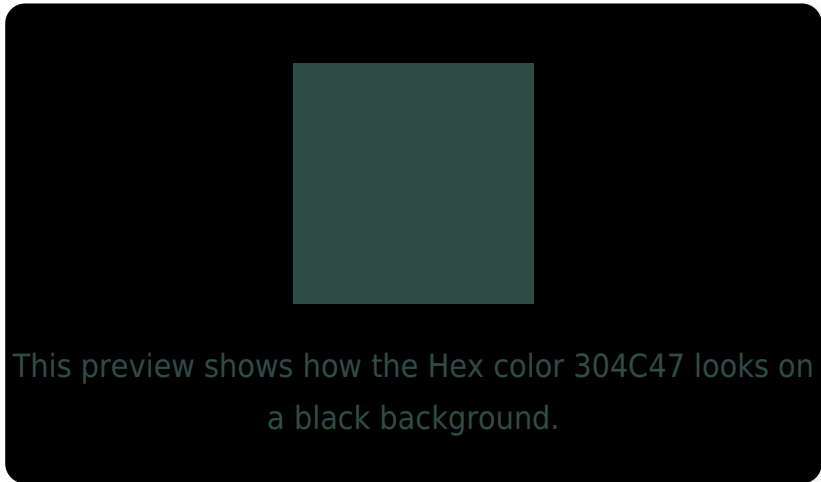
Large Text (above 18pt) WCAG AA ✓ Pass

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

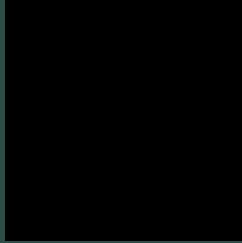
Any Text WCAG AA × Fail

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 304C47 Background



This preview shows how black text looks on a background with the Hex color 304C47.



This preview shows how white text looks on a background with the Hex color 304C47.

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
304C47

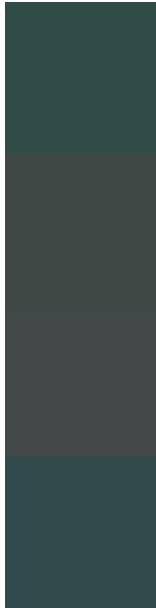
Protanopia
484644

Deuteranopia
4C4449



Tritanopia
324B51

Trichromacy



Original Color
304C47

Protanomaly
3F4845

Deuteranomaly
424748

Tritanomaly
314B4D

Monochromacy



Original Color
304C47

Achromatopsia
434343

Achromatomaly
3C4644

CSS Examples

Text

The CSS property to change the color of the text to Hex 304C47 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 #304C47 looks like.

```
.text, #text, p{  
    color:#304C47  
}
```

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 #304C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304C47
}
```

Border

The CSS property to change the border of an element to Hex 304C47 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
#304C47 }
```

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

```
.border{ border-color:#304C47 }
```

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

Here you see how a box with a 4 pixel #304C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304C47; -webkit-box-shadow:4px 4px  
4px 4px #304C47; box-shadow:4px 4px 4px  
4px #304C47 }
```

Background

The CSS property to change the background color of an element to Hex 304C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304C47 }
```

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

```
.background{ background-color:#304C47 }
```

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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