

Converting Colors

Hex(304F5C)

Have a look what the booklet for
Hex(304F5C) contains.

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Color

Hex(304F5C)

Conversions

Conversions Part 1

Format	Color
Hex	304F5C
RGB	48, 79, 92
RGB Percent	19%, 31%, 36%
CMY	0.8118, 0.6902, 0.6392
CMYK	0.48, 0.14, 0.00, 0.64
HSL	198°, 31%, 27%
HSV	198°, 48%, 36%
XYZ	5.9467, 6.9930, 11.1616
YIQ	71.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

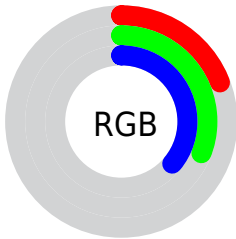
Format	Color
R_{YB}	48, 66, 92
Decimal	3166044
CIE _{Lab}	31.79, -7.50, -11.20
CIE _{LCh}	32, 13.483, 236.195
Yxy	6.9930, 0.2467, 0.2902
Android (android.graphics.Color)	4281356124 (0xFF304F5C)
YUV	71.2130, 10.2480, -20.3578
Hunter-Lab	26.4444, -6.1375, -6.5139

Details

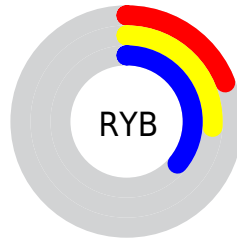
The Hex color **304F5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3D30**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **61808E**, and **00232E** is the 20% darker color. If you saturate the color by 10%, you get **274C5C**, and if you desaturate by 10%, it is **39525C**.

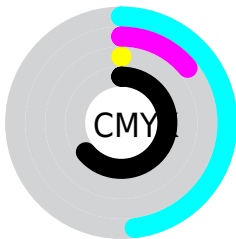
Distribution



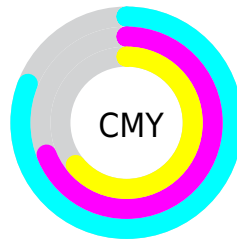
- Red (19%)
- Green (31%)
- Blue (36%)



- Red (19%)
- Yellow (26%)
- Blue (36%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (81%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F5C 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 304F5C by changing the saturation by 10% instead.

■ 304F5C

■ 304F5C

FFFFFF

■ 183844

■ 61808E

■ 00232E

■ 7A9AA9

■ 000D1A

■ 95B5C4

■ 000000

■ B0D0E0

■ CCEDFC

■ E8FFFF

■ 304F5C

■ 304F5C

■ 274C5C

■ 39525C

■ 1E4A5C

■ 42545C

■ 14475C

■ 4C575C

■ 0B445C

■ 555A5C

■ 02415C

■ 5E5D5C

■ 00415C

■ 675F5C

■ 70625C

■ 7A655C

■ 83675C

Harmonies

Analogous

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



2C5154



304F5C



3C4C60

Triad

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



304F5C



5F434D



494D38

Complementary

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



304F5C



5C3D30

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.



544A36



304F5C



604442

Square

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



304F5C



574557



5C463A



3D4F3F

Rectangle

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



304F5C



464A5F



5C463A



4D4C36

Sweetspot

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



304F5C



677378



305C3C



333A3D



BDBDBD



3D3D3D

Same Dimension

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



304F5C



346478



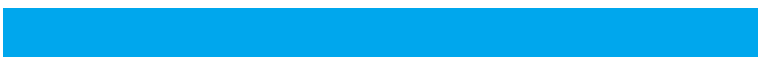
303A5C



292D2E



004D6E



00A7ED

Inverse Universe

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



5C304F



783464



5C5230



2E292D



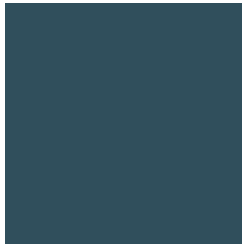
6E004D



ED00A7

Previews

White Background



This preview shows how the Hex color 304F5C looks on a white background.

Color Contrast Check

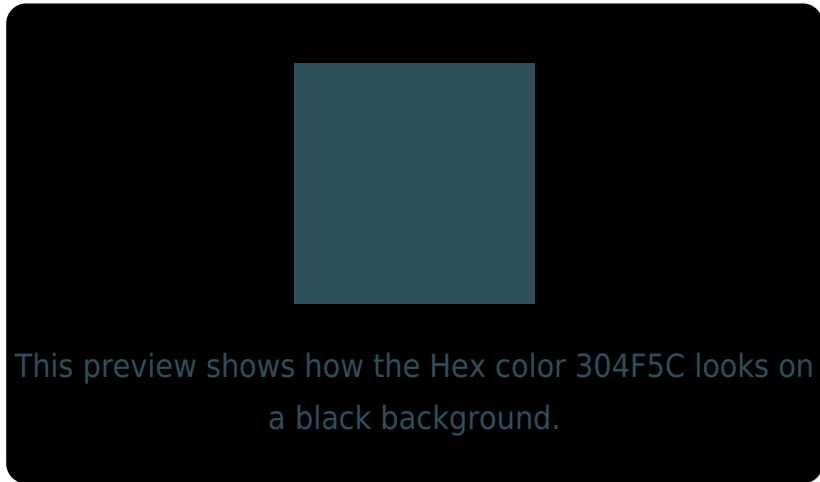
Large Text (above 18pt) WCAG AA ✓ Pass

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

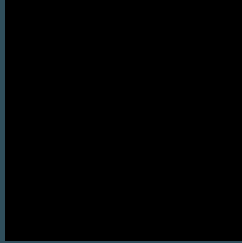
Any Text WCAG AA × Fail

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 304F5C Background



This preview shows how black text looks on a background with the Hex color 304F5C.



This preview shows how white text looks on a background with the Hex color 304F5C.

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
304F5C

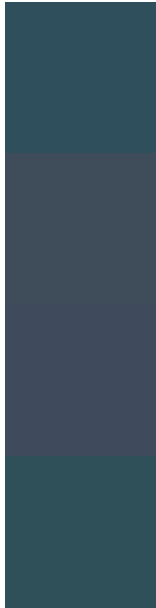
Protanopia
484A59

Deuteranopia
48495D



Tritanopia
2E5056

Trichromacy



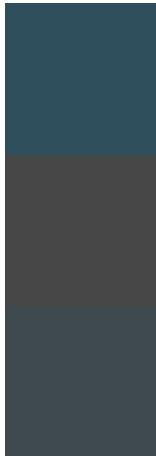
Original Color
304F5C

Protanomaly
3F4C5A

Deuteranomaly
3F4B5D

Tritanomaly
2F5058

Monochromacy



Original Color
304F5C

Achromatopsia
474747

Achromatomaly
3F4A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F5C 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 #304F5C looks like.

```
.text, #text, p{  
    color:#304F5C  
}
```

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 #304F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F5C  
}
```

Border

The CSS property to change the border of an element to Hex 304F5C 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  
#304F5C }
```

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

```
.border{ border-color:#304F5C }
```

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

Here you see how a box with a 4 pixel #304F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F5C; -webkit-box-shadow:4px 4px  
4px 4px #304F5C; box-shadow:4px 4px 4px  
4px #304F5C }
```

Background

The CSS property to change the background color of an element to Hex 304F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F5C }
```

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

```
.background{ background-color:#304F5C }
```

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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