

Converting Colors

Hex(304F57)

Have a look what the booklet for
Hex(304F57) contains.

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Color

Hex(304F57)

Conversions

Conversions Part 1

Format	Color
Hex	304F57
RGB	48, 79, 87
RGB Percent	19%, 31%, 34%
CMY	0.8118, 0.6902, 0.6588
CMYK	0.45, 0.09, 0.00, 0.66
HSL	192°, 29%, 26%
HSV	192°, 45%, 34%
XYZ	5.7352, 6.9085, 10.0480
YIQ	70.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

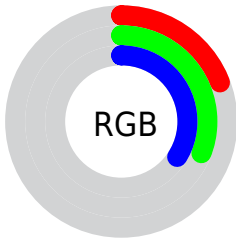
Format	Color
R_{YB}	48, 65, 87
Decimal	3166039
CIE _{Lab}	31.60, -9.05, -8.31
CIE _{LCh}	32, 12.289, 222.579
Yxy	6.9085, 0.2527, 0.3044
Android (android.graphics.Color)	4281356119 (0xFF304F57)
YUV	70.6430, 8.0640, -19.8579
Hunter-Lab	26.2840, -7.0479, -4.2670




Details

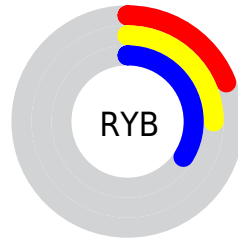
The Hex color **304F57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573830**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **608089**, and **01232A** is the 20% darker color. If you saturate the color by 10%, you get **274D57**, and if you desaturate by 10%, it is **395157**.

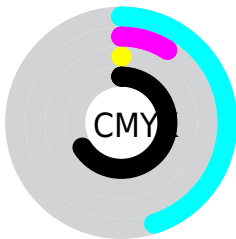
Distribution







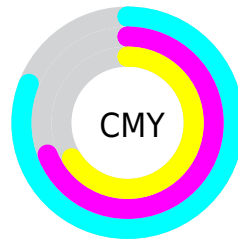
-  Red (19%)
-  Green (31%)
-  Blue (34%)






-  Red (19%)
-  Yellow (25%)
-  Blue (34%)



-  Cyan (45%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (81%)
-  Magenta (69%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F57 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 304F57 by changing the saturation by 10% instead.

■ 304F57

■ 304F57

FFFFFF

■ 183840

■ 608089

■ 01232A

■ 7A9AA3

■ 000C16

■ 94B5BE

■ 000000

■ AFD1DA

■ CBEDF6

■ E7FFFF

■ 304F57

■ 304F57

■ 274D57

■ 395157

■ 1F4B57

■ 415357

■ 164A57

■ 4A5457

■ 0D4857

■ 535657

■ 044657

■ 5C5857

■ 004557

■ 645A57

■ 6D5B57

■ 765D57

■ 7E5F57

Harmonies

Analogous

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



30504E



304F57



384D5C

Triad

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



304F57



5A4450



4D4B38

Complementary

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



304F57



573830

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.



574838



304F57



5E4447

Square

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



304F57



514759



5D453E



434E3C

Rectangle

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



304F57



404B5D



5D453E



514A37

Sweetspot

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



304F57



626D70



305738



2F3638



B8B8B8



383838

Same Dimension

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



304F57



346470



303C57



272A2B



00556B



00BAEB

Inverse Universe

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



57304F



703464



574B30



2B272A



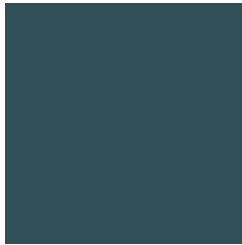
6B0055



EB00BA

Previews

White Background



This preview shows how the Hex color 304F57 looks on a white background.

Color Contrast Check

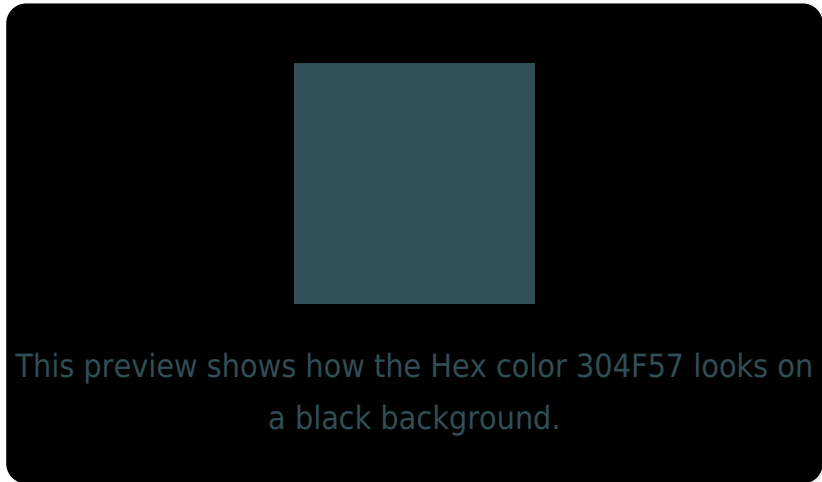
Large Text (above 18pt) WCAG AA ✓ Pass

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

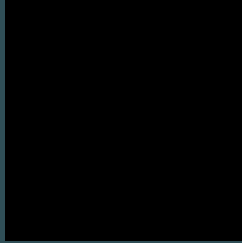
Any Text WCAG AA × Fail

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 304F57 Background



This preview shows how black text looks on a background with the Hex color 304F57.



This preview shows how white text looks on a background with the Hex color 304F57.

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
304F57

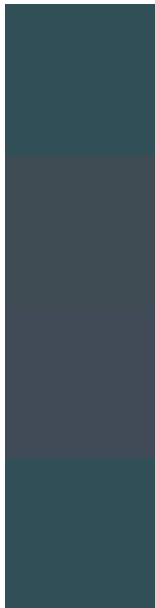
Protanopia
494A53

Deuteranopia
4A4858



Tritanopia
304F56

Trichromacy



Original Color
304F57

Protanomaly
404C54

Deuteranomaly
414B58

Tritanomaly
304F56

Monochromacy



Original Color
304F57

Achromatopsia
474747

Achromatomaly
3F4A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F57 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 #304F57 looks like.

```
.text, #text, p{  
    color:#304F57  
}
```

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 #304F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F57
}
```

Border

The CSS property to change the border of an element to Hex 304F57 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
#304F57 }
```

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

```
.border{ border-color:#304F57 }
```

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

Here you see how a box with a 4 pixel #304F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F57; -webkit-box-shadow:4px 4px  
4px 4px #304F57; box-shadow:4px 4px 4px  
4px #304F57 }
```

Background

The CSS property to change the background color of an element to Hex 304F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F57 }
```

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

```
.background{ background-color:#304F57 }
```

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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