

Converting Colors

Hex(304F69)

Have a look what the booklet for
Hex(304F69) contains.

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Color

Hex(304F69)

Conversions

Conversions Part 1

Format	Color
Hex	304F69
RGB	48, 79, 105
RGB Percent	19%, 31%, 41%
CMY	0.8118, 0.6902, 0.5882
CMYK	0.54, 0.25, 0.00, 0.59
HSL	207°, 37%, 30%
HSV	207°, 54%, 41%
XYZ	6.5647, 7.2403, 14.4161
YIQ	72.6950, -26.8220, 1.5140

Conversions

Conversions Part 2

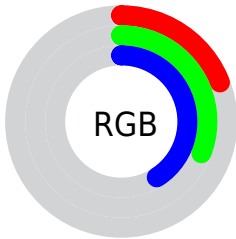
Format	Color
R _Y B	48, 68, 105
Decimal	3166057
CIE Lab	32.35, -3.25, -18.58
CIE LCh	32, 18.860, 260.078
Yxy	7.2403, 0.2326, 0.2566
Android (android.graphics.Color)	4281356137 (0xFF304F69)
YUV	72.6950, 15.9264, -21.6575
Hunter-Lab	26.9077, -3.5397, -12.9298

Details

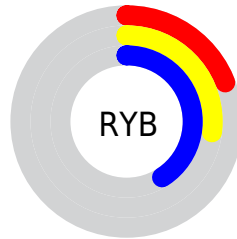
The Hex color **304F69** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **694A30**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **62809C**, and **00233A** is the 20% darker color. If you saturate the color by 10%, you get **264A69**, and if you desaturate by 10%, it is **3B5469**.

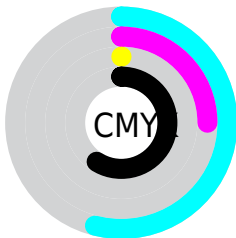
Distribution



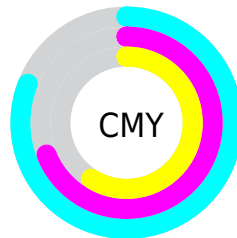
- Red (19%)
- Green (31%)
- Blue (41%)



- Red (19%)
- Yellow (27%)
- Blue (41%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F69 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 304F69 by changing the saturation by 10% instead.

■ 304F69

■ 304F69

FFFFFF

■ 163851

■ 62809C

■ 00233A

■ 7C9AB7

■ 000D24

■ 97B5D3

■ 00010D

■ B2D0EF

■ 000000

■ CEECFE

■ EBFFFF

■ 304F69

■ 304F69

■ 264A69

■ 3B5469

■ 1B4569

■ 455969

■ 114169

■ 4F5D69

■ 063C69

■ 5A6269

■ 003969

■ 656769

■ 6F6C69

■ 797169

■ 847569

■ 8F7A69

Harmonies

Analogous

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



1C5262



304F69



474A68

Triad

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



304F69



6A4143



3B5239

Complementary

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



304F69



694A30

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.



4C4E30



304F69



654536

Square

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



304F69



664152



5B492F



295446

Rectangle

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



304F69



544663



5B492F



415135

Sweetspot

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



304F69



74808A



30694A



383F45



C4C4C4



454545

Same Dimension

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



304F69



30618A



303369



303336



004075



0085F5

Inverse Universe

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



69304F



8A3061



696630



363033



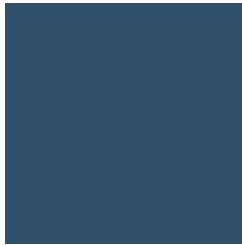
750040



F50085

Previews

White Background



This preview shows how the Hex color 304F69 looks on a white background.

Color Contrast Check

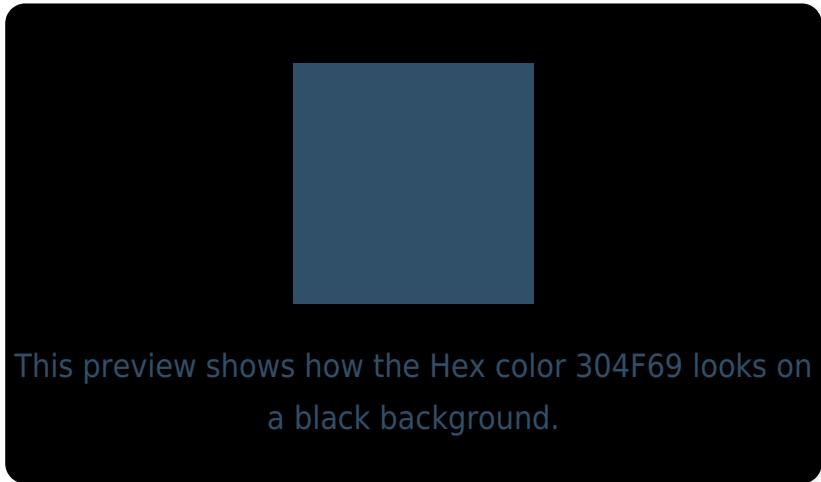
Large Text (above 18pt) WCAG AA ✓ Pass

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

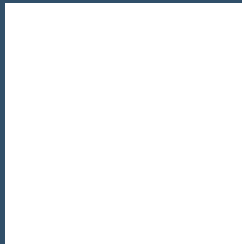
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 304F69 Background



This preview shows how black text looks on a background with the Hex color 304F69.



This preview shows how white text looks on a background with the Hex color 304F69.

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
304F69

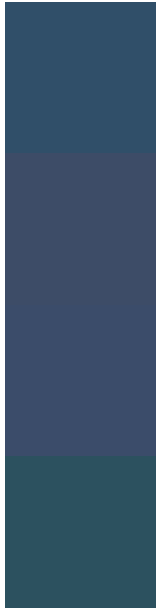
Protanopia
444B66

Deuteranopia
424B6A



Tritanopia
2A5259

Trichromacy



Original Color
304F69

Protanomaly
3D4C67

Deuteranomaly
3B4C6A

Tritanomaly
2C515F

Monochromacy



Original Color
304F69

Achromatopsia
494949

Achromatomaly
404B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F69 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 #304F69 looks like.

```
.text, #text, p{  
    color:#304F69  
}
```

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 #304F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F69
}
```

Border

The CSS property to change the border of an element to Hex 304F69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

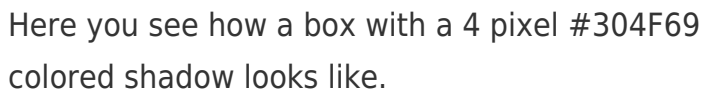
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#304F69 }
```

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

```
.border{ border-color:#304F69 }
```

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



Here you see how a box with a 4 pixel #304F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F69; -webkit-box-shadow:4px 4px  
4px 4px #304F69; box-shadow:4px 4px 4px  
4px #304F69 }
```

Background

The CSS property to change the background color of an element to Hex 304F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F69 }
```

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

```
.background{ background-color:#304F69 }
```

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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