

Converting Colors

Hex(304F64)

Have a look what the booklet for
Hex(304F64) contains.

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Color

Hex(304F64)

Conversions

Conversions Part 1

Format	Color
Hex	304F64
RGB	48, 79, 100
RGB Percent	19%, 31%, 39%
CMY	0.8118, 0.6902, 0.6078
CMYK	0.52, 0.21, 0.00, 0.61
HSL	204°, 35%, 29%
HSV	204°, 52%, 39%
XYZ	6.3152, 7.1404, 13.1020
YIQ	72.1250, -25.2170, -0.0410

Conversions

Conversions Part 2

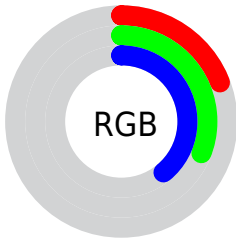
Format	Color
R_{YB}	48, 67, 100
Decimal	3166052
CIE _{Lab}	32.12, -4.92, -15.77
CIE _{LCh}	32, 16.516, 252.666
Yxy	7.1404, 0.2378, 0.2689
Android (android.graphics.Color)	4281356132 (0xFF304F64)
YUV	72.1250, 13.7424, -21.1576
Hunter-Lab	26.7216, -4.5776, -10.3656

Details

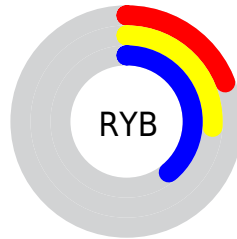
The Hex color **304F64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644530**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **628097**, and **002335** is the 20% darker color. If you saturate the color by 10%, you get **264B64**, and if you desaturate by 10%, it is **3A5364**.

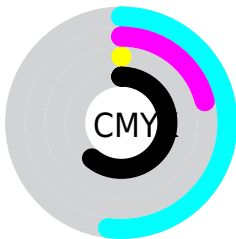
Distribution



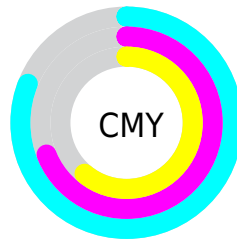
- Red (19%)
- Green (31%)
- Blue (39%)



- Red (19%)
- Yellow (26%)
- Blue (39%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (61%)



- Cyan (81%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F64 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 304F64 by changing the saturation by 10% instead.

■ 304F64

■ 304F64

FFFFFF

■ 17384C

■ 628097

■ 002335

■ 7B9AB2

■ 000D20

■ 96B5CD

■ 000005

■ B1D0E9

■ 000000

■ CDEDFE

■ EAFFFF

■ 304F64

■ 304F64

■ 264B64

■ 3A5364

■ 1C4764

■ 445764

■ 124364

■ 4E5B64

■ 083F64

■ 585F64

■ 003C64

■ 626364

■ 6C6764

■ 766B64

■ 806F64

■ 8A7364

Harmonies

Analogous

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



23525D



304F64



434B65

Triad

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



304F64



664246



415038

Complementary

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



304F64



644530

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.



4F4D32



304F64



63443B

Square

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



304F64



604354



5B4833



325243

Rectangle

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



304F64



4F4861



5B4833



464F35

Sweetspot

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



304F64



6D7A82



306445



363D42



C2C2C2



424242

Same Dimension

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



304F64



316182



303564



2E3133



004473



0090F2

Inverse Universe

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



64304F



823161



645F30



332E31



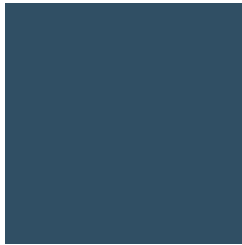
730044



F20090

Previews

White Background



This preview shows how the Hex color 304F64 looks on a white background.

Color Contrast Check

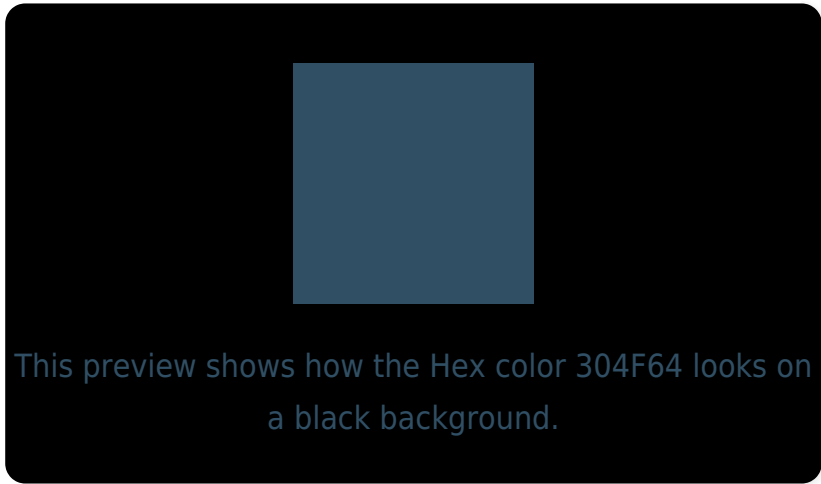
Large Text (above 18pt) WCAG AA ✓ Pass

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

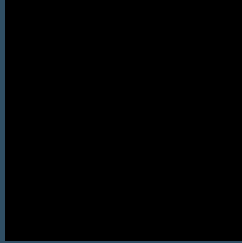
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

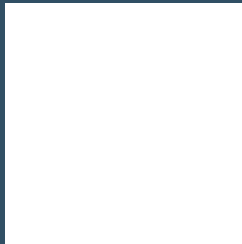
Any Text WCAG AAA × Fail

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

Hex 304F64 Background



This preview shows how black text looks on a background with the Hex color 304F64.

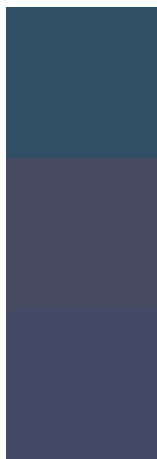


This preview shows how white text looks on a background with the Hex color 304F64.

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

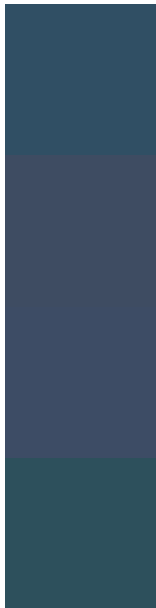


Original Color
304F64

Protanopia
464B61

Deuteranopia
444A65

Trichromacy



Original Color

304F64

Protanomaly

3E4C62

Deuteranomaly

3D4C65

Tritanomaly

2D505C

Monochromacy



Original Color

304F64

Achromatopsia

484848

Achromatomaly

3F4B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F64 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 #304F64 looks like.

```
.text, #text, p{  
    color:#304F64  
}
```

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 #304F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F64
}
```

Border

The CSS property to change the border of an element to Hex 304F64 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
#304F64 }
```

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

```
.border{ border-color:#304F64 }
```

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

Here you see how a box with a 4 pixel #304F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F64; -webkit-box-shadow:4px 4px  
4px 4px #304F64; box-shadow:4px 4px 4px  
4px #304F64 }
```

Background

The CSS property to change the background color of an element to Hex 304F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F64 }
```

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

```
.background{ background-color:#304F64 }
```

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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