

# Converting Colors

Hex(324F61)

Have a look what the booklet for  
Hex(324F61) contains.

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# Color

**Hex(324F61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	324F61
RGB	50, 79, 97
RGB Percent	20%, 31%, 38%
CMY	0.8039, 0.6902, 0.6196
CMYK	0.48, 0.19, 0.00, 0.62
HSL	203°, 32%, 29%
HSV	203°, 48%, 38%
XYZ	6.2690, 7.1331, 12.3557
YIQ	72.3810, -23.0620, -0.5500

# Conversions

## Conversions Part 2

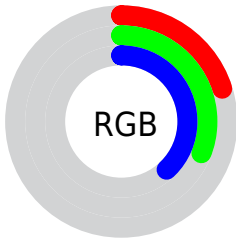
Format	Color
R <sub>Y</sub> B	50, 68, 97
Decimal	3297121
CIE Lab	32.11, -5.34, -13.88
CIE LCh	32, 14.876, 248.946
Yxy	7.1331, 0.2434, 0.2769
Android (android.graphics.Color)	4281487201 (0xFF324F61)
YUV	72.3810, 12.1372, -19.6281
Hunter-Lab	26.7079, -4.8403, -8.7333

# Details

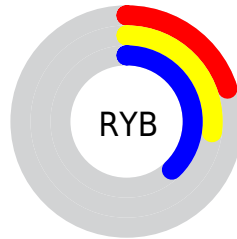
The Hex color **324F61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614432**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **638094**, and **002333** is the 20% darker color. If you saturate the color by 10%, you get **284B61**, and if you desaturate by 10%, it is **3C5361**.

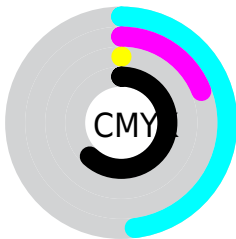
# Distribution



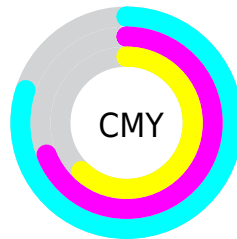
- Red (20%)
- Green (31%)
- Blue (38%)



- Red (20%)
- Yellow (27%)
- Blue (38%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (69%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 324F61 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 324F61 by changing the saturation by 10% instead.





324F61



324F61

FFFFFF



1A3849



638094



002333



7D9AAE



000D1E



97B5CA



000001



B2D0E6



000000



CEEDFF



EBFFFF



324F61



324F61



284B61



3C5361

■ 1F4861

■ 455661

■ 154461

■ 4F5A61

■ 0B4061

■ 595E61

■ 023C61

■ 626261

■ 003C61

■ 6C6561

■ 766961

■ 806D61

■ 897061

# Harmonies

## Analogous

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



29515A



324F61



424B62

# Triad

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



324F61



634348



444F39

# Complementary

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



324F61



614432

# 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.



504C34



324F61



62453D

# Square

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



324F61



5D4454



5B4836



365143

# Rectangle

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



324F61



4D4960



5B4836



484E37



# Sweetspot

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



324F61



6A767D



326143



343B40



BFBFBF



404040



# Same Dimension

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



324F61



34617D



323861



2C2F30



004570



0094F0



# Inverse Universe

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



61324F



7D3461



615B32



302C2F



700045

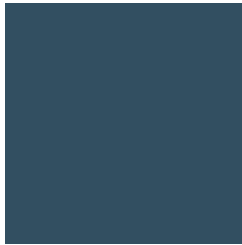


F00094



# Previews

## White Background



This preview shows how the Hex color 324F61 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

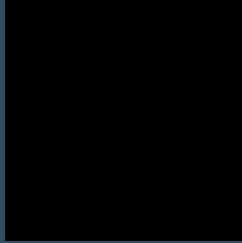
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

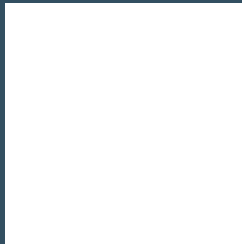
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 324F61 Background



This preview shows how black text looks on a background with the Hex color 324F61.



This preview shows how white text looks on a background with the Hex color 324F61.

# 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



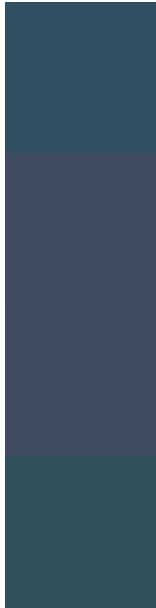
**Original Color**  
324F61

**Protanopia**  
474B5E

**Deuteranopia**  
464A62



# Trichromacy



**Original Color**  
324F61

**Protanomaly**  
3F4C5F

**Deuteranomaly**  
3F4C62

**Tritanomaly**  
30505B

# Monochromacy



**Original Color**  
324F61

**Achromatopsia**  
484848

**Achromatomaly**  
404B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 324F61 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 #324F61 looks like.

```
.text, #text, p{  
    color:#324F61  
}
```

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 #324F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324F61  
}
```

## Border

The CSS property to change the border of an element to Hex 324F61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

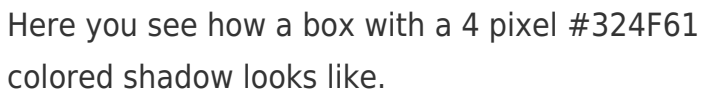
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#324F61 }
```

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

```
.border{ border-color:#324F61 }
```

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



Here you see how a box with a 4 pixel #324F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324F61; -webkit-box-shadow:4px 4px  
4px 4px #324F61; box-shadow:4px 4px 4px  
4px #324F61 }
```

# Background

The CSS property to change the background color of an element to Hex 324F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324F61 }
```

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

```
.background{ background-color:#324F61 }
```

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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