

# Converting Colors

Hex(324F66)

Have a look what the booklet for  
Hex(324F66) contains.

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# Color

**Hex(324F66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	324F66
RGB	50, 79, 102
RGB Percent	20%, 31%, 40%
CMY	0.8039, 0.6902, 0.6000
CMYK	0.51, 0.23, 0.00, 0.60
HSL	207°, 34%, 30%
HSV	207°, 51%, 40%
XYZ	6.5096, 7.2294, 13.6227
YIQ	72.9510, -24.6670, 1.0050

# Conversions

## Conversions Part 2

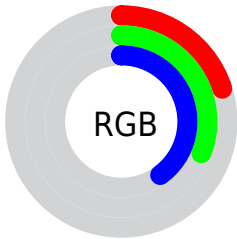
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 69, 102
Decimal	3297126
CIELab	32.32, -3.72, -16.71
CIElCh	32, 17.123, 257.451
Yxy	7.2294, 0.2379, 0.2642
Android (android.graphics.Color)	4281487206 (0xFF324F66)
YUV	72.9510, 14.3212, -20.1280
Hunter-Lab	26.8875, -3.8371, -11.2183

# Details

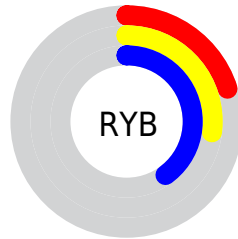
The Hex color **324F66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664932**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **648099**, and **002337** is the 20% darker color. If you saturate the color by 10%, you get **284A66**, and if you desaturate by 10%, it is **3C5466**.

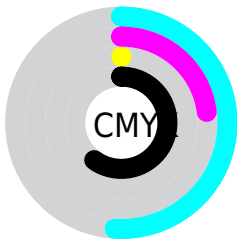
# Distribution



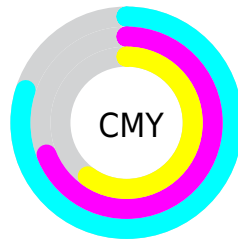
- Red (20%)
- Green (31%)
- Blue (40%)



- Red (20%)
- Yellow (27%)
- Blue (40%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (69%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 324F66 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 324F66 by changing the saturation by 10% instead.





324F66



324F66

FFFFFF



19384E



648099



002337



7D9AB4



000D22



98B5CF



000008



B3D0EC



000000



CFEDFF



ECFFFF



324F66



324F66



284A66



3C5466

■ 1E4666

■ 465866

■ 134166

■ 515D66

■ 093D66

■ 5B6166

■ 003966

■ 656666

■ 6F6A66

■ 796F66

■ 847366

■ 8E7866

# Harmonies

## Analogous

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



23525F



324F66



464B66

# Triad

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



324F66



674245



3E5139

# Complementary

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



324F66



664932

# 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.



4D4E32



324F66



644539

# Square

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



324F66



634352



5B4932



2F5346

# Rectangle

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



324F66



524761



5B4932



435036



# Sweetspot

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



324F66



717C85



326649



363D42



C2C2C2



424242



# Same Dimension

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



324F66



346185



323566



2E3133



004073



0087F2



# Inverse Universe

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



66324F



853461



666332



332E31



730040

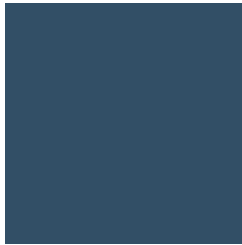


F20087



# Previews

## White Background



This preview shows how the Hex color 324F66 looks on a white background.

## Color Contrast Check

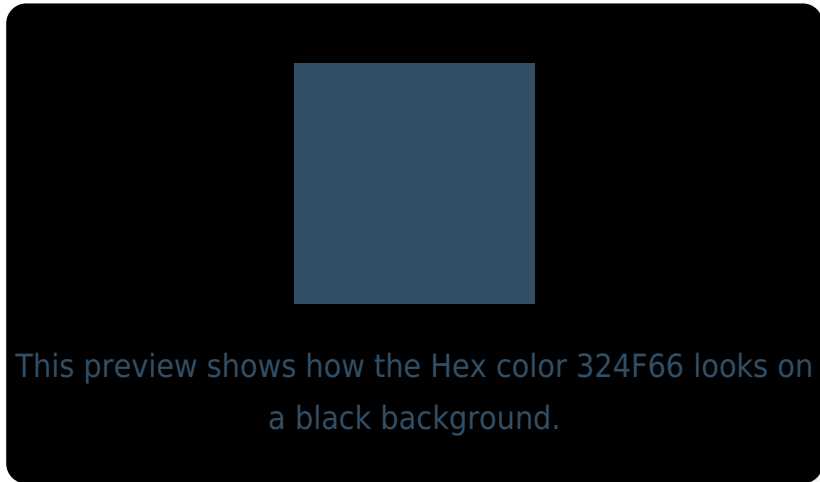
Large Text (above 18pt) WCAG AA ✓ Pass

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

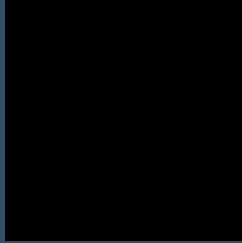
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

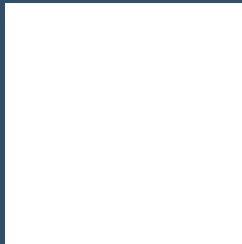
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 324F66 Background



This preview shows how black text looks on a background with the Hex color 324F66.



This preview shows how white text looks on a background with the Hex color 324F66.

# 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**

324F66

**Protanopia**

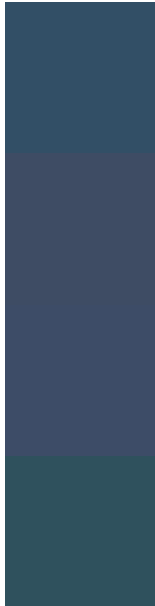
454B63

**Deuteranopia**

444B67



# Trichromacy



**Original Color**

324F66

**Protanomaly**

3E4C64

**Deuteranomaly**

3D4C67

**Tritanomaly**

2F515D

# Monochromacy



**Original Color**

324F66

**Achromatopsia**

494949

**Achromatomaly**

414B54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 324F66 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 #324F66 looks like.

```
.text, #text, p{  
    color:#324F66  
}
```

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 #324F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324F66  
}
```

## Border

The CSS property to change the border of an element to Hex 324F66 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  
#324F66 }
```

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

```
.border{ border-color:#324F66 }
```

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

Here you see how a box with a 4 pixel #324F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324F66; -webkit-box-shadow:4px 4px  
4px 4px #324F66; box-shadow:4px 4px 4px  
4px #324F66 }
```

# Background

The CSS property to change the background color of an element to Hex 324F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324F66 }
```

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

```
.background{ background-color:#324F66 }
```

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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