

# Converting Colors

Hex(324B40)

Have a look what the booklet for  
Hex(324B40) contains.

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# Color

**Hex(324B40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	324B40
RGB	50, 75, 64
RGB Percent	20%, 29%, 25%
CMY	0.8039, 0.7059, 0.7490
CMYK	0.33, 0.00, 0.15, 0.71
HSL	154°, 20%, 25%
HSV	154°, 33%, 29%
XYZ	4.7569, 6.0804, 5.7734
YIQ	66.2710, -11.3690, -8.7210

# Conversions

## Conversions Part 2

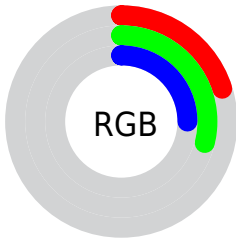
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 66, 75
Decimal	3296064
CIELab	29.61, -12.35, 3.51
CIELCh	30, 12.843, 164.145
Yxy	6.0804, 0.2864, 0.3661
Android (android.graphics.Color)	4281486144 (0xFF324B40)
YUV	66.2710, -1.1196, -14.2697
Hunter-Lab	24.6585, -8.7179, 3.3791

# Details

The Hex color **324B40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B323D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **617C70**, and **061F16** is the 20% darker color. If you saturate the color by 10%, you get **2B4B3D**, and if you desaturate by 10%, it is **3A4B43**.

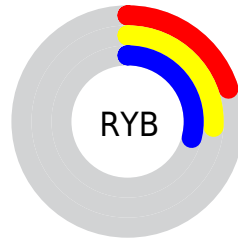
# Distribution



Red (20%)

Green (29%)

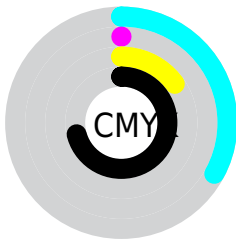
Blue (25%)



Red (20%)

Yellow (26%)

Blue (29%)

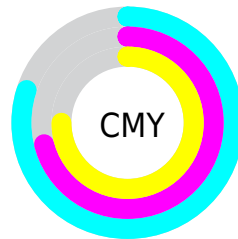


Cyan (33%)

Magenta (0%)

Yellow (15%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 324B40 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 324B40 by changing the saturation by 10% instead.




 324B40

 324B40

FFFFFF

 1C342A

 617C70

 061F16

 7A9689

 000000

 94B0A3

 AFCCBE

 CAE8DA

 E7FFF7

 324B40

 324B40

 2B4B3D

 3A4B43

■ 234B39

■ 414B47

■ 1C4B36

■ 494B4A

■ 144B33

■ 504B4D

■ 0C4B2F

■ 574B51

■ 054B2C

■ 5F4B54

■ 004B2A

■ 674B57

■ 6E4B5A

■ 764B5E

# Harmonies

## Analogous

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



3D4937



324B40



2A4B4A

# Triad

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



324B40



404559



584038

# Complementary

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



324B40



4B323D

# 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.



5A3F41



324B40



4D4254

# Square

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



324B40



334859



563F4B



524333

# Rectangle

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



324B40



294B51



563F4B



5A403B



# Sweetspot

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



324B40



57615D



3D4B32



2B302E



B0B0B0



303030



# Same Dimension

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



324B40



3A6150



324A4B



222625



006639



00E681



# Inverse Universe

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



4B323D



613A4B



4B3332



262224



66002D

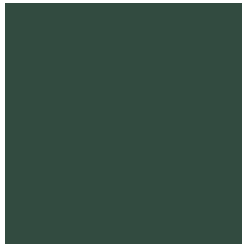


E60065



# Previews

## White Background



This preview shows how the Hex color 324B40 looks on a white background.

## Color Contrast Check

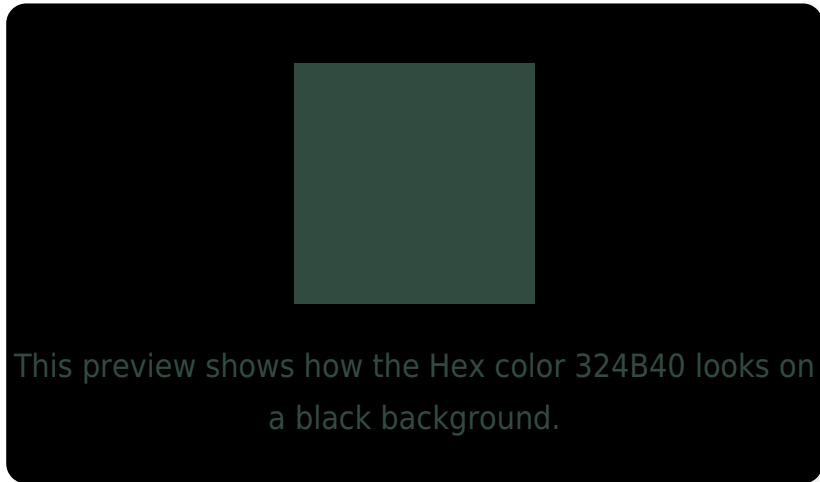
Large Text (above 18pt) WCAG AA ✓ Pass

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

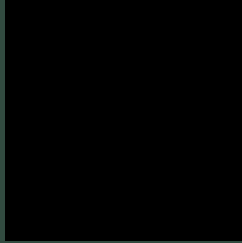
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 324B40 Background



This preview shows how black text looks on a background with the Hex color 324B40.



This preview shows how white text looks on a background with the Hex color 324B40.

# 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**

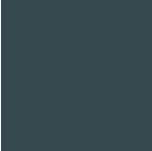
324B40

**Protanopia**

49453D

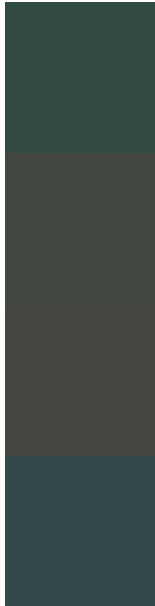
**Deuteranopia**

4E4342



**Tritanopia**  
35494F

# Trichromacy



**Original Color**  
324B40

**Protanomaly**  
41473E

**Deuteranomaly**  
444641

**Tritanomaly**  
344A4A

# Monochromacy



**Original Color**  
324B40

**Achromatopsia**  
424242

**Achromatomaly**  
3C4541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 324B40 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 #324B40 looks like.

```
.text, #text, p{  
    color:#324B40  
}
```

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 #324B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324B40
}
```

## Border

The CSS property to change the border of an element to Hex 324B40 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
#324B40 }
```

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

```
.border{ border-color:#324B40 }
```

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

Here you see how a box with a 4 pixel #324B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324B40; -webkit-box-shadow:4px 4px  
4px 4px #324B40; box-shadow:4px 4px 4px  
4px #324B40 }
```

# Background

The CSS property to change the background color of an element to Hex 324B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324B40 }
```

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

```
.background{ background-color:#324B40 }
```

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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