

# Converting Colors

Hex(324C38)

Have a look what the booklet for  
Hex(324C38) contains.

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# Color

Hex(324C38)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 324C38                     |
| RGB         | 50, 76, 56                 |
| RGB Percent | 20%, 30%, 22%              |
| CMY         | 0.8039, 0.7020, 0.7804     |
| CMYK        | 0.34, 0.00, 0.26, 0.70     |
| HSL         | 134°, 21%, 25%             |
| HSV         | 134°, 34%, 30%             |
| XYZ         | 4.6136, 6.1325, 4.6819     |
| YIQ         | 65.9460, -9.0760, -11.7320 |

# Conversions

## Conversions Part 2

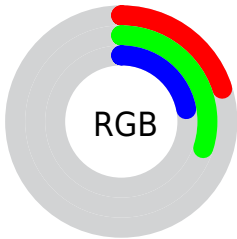
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">50, 71, 76</a>                     |
| Decimal                             | <a href="#">3296312</a>                        |
| CIELab                              | <a href="#">29.74, -14.78, 8.80</a>            |
| CIELCh                              | <a href="#">30, 17.204, 149.229</a>            |
| Yxy                                 | <a href="#">6.1325, 0.2990,<br/>0.3975</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4281486392<br/>(0xFF324C38)</a>    |
| YUV                                 | <a href="#">65.9460, -4.9034,<br/>-13.9846</a> |
| Hunter-Lab                          | <a href="#">24.7639, -10.0814,<br/>6.1253</a>  |

# Details

The Hex color **324C38** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C3246**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **617D67**, and **06200D** is the 20% darker color. If you saturate the color by 10%, you get **2A4C32**, and if you desaturate by 10%, it is **3A4C3E**.

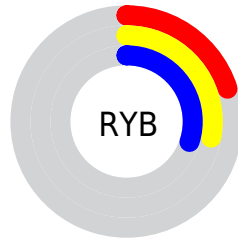
# Distribution



 Red (20%)

 Green (30%)

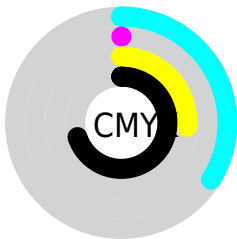
 Blue (22%)




 Red (20%)

 Yellow (28%)

 Blue (30%)

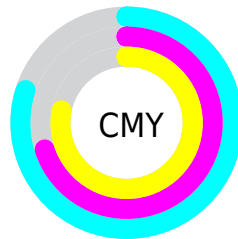


 Cyan (34%)

 Magenta (0%)

 Yellow (26%)

 Black (70%)



 Cyan (80%)

 Magenta (70%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 324C38 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 324C38 by changing the saturation by 10% instead.




 324C38

 324C38

FFFFFF

 1C3522

 617D67

 06200D

 7A9780

 000000

 94B29A

 AFCDB5

 CBE9D0

 E7FFED

 324C38

 324C38

 2A4C32

 3A4C3E

■ 234C2C

■ 414C44

■ 1B4C26

■ 494C4A

■ 144C21

■ 504C4F

■ 0C4C1B

■ 584C55

■ 044C15

■ 604C5B

■ 004C12

■ 674C61

■ 6F4C67

■ 764C6D

# Harmonies

## Analogous

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



42492E



324C38



224D45

# Triad

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



324C38



344761



603D3A

# Complementary

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



324C38



4C3246

# 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.



5F3C47



324C38



47435D

# Square

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



324C38



204B5D



573E54



5A4130

# Rectangle

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



324C38



1B4D4E



573E54



613C3E



# Sweetspot

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



324C38



5A635C



464C32



2D332E



B3B3B3



333333



# Same Dimension

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



324C38



3B6344



324C45



222623



006618



00E635



# Inverse Universe

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



4C3246



633B5A



4C3239



262225



66004E

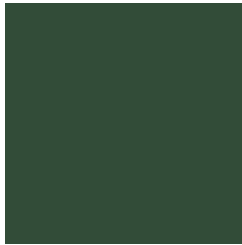


E600B1



# Previews

## White Background



This preview shows how the Hex color 324C38 looks on a white background.

## Color Contrast Check

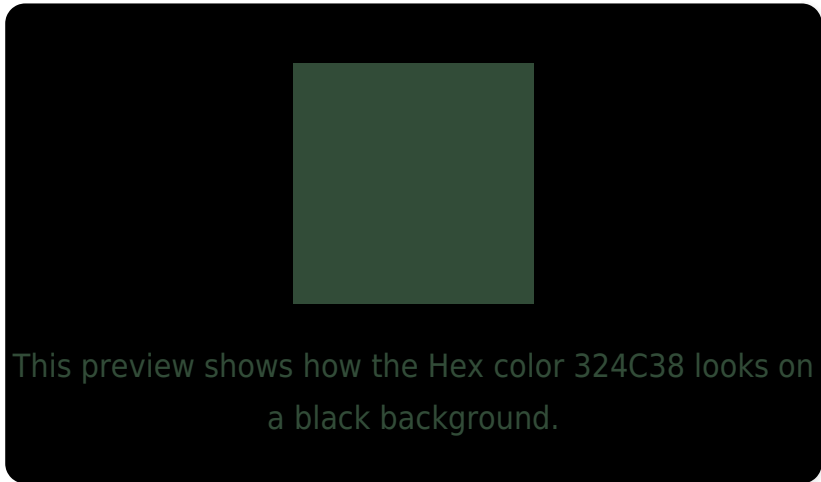
Large Text (above 18pt) WCAG AA ✓ Pass

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

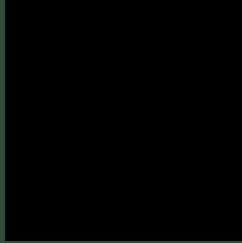
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 324C38 Background



This preview shows how black text looks on a background with the Hex color 324C38.

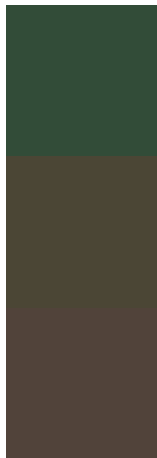


This preview shows how white text looks on a background with the Hex color 324C38.

# 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](#).

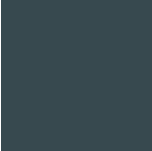
## Dichromacy



**Original Color**  
324C38

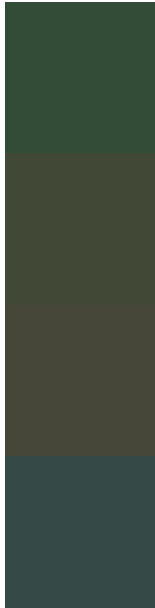
**Protanopia**  
4B4635

**Deuteranopia**  
51433A



**Tritanopia**  
37494F

# Trichromacy



**Original Color**  
324C38

**Protanomaly**  
424836

**Deuteranomaly**  
464639

**Tritanomaly**  
354A47

# Monochromacy



**Original Color**  
324C38

**Achromatopsia**  
424242

**Achromatomaly**  
3C463E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 324C38 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 #324C38 looks like.

```
.text, #text, p{  
    color:#324C38  
}
```

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 #324C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324C38
}
```

## Border

The CSS property to change the border of an element to Hex 324C38 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
#324C38 }
```

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

```
.border{ border-color:#324C38 }
```

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

Here you see how a box with a 4 pixel #324C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324C38; -webkit-box-shadow:4px 4px  
4px 4px #324C38; box-shadow:4px 4px 4px  
4px #324C38 }
```

# Background

The CSS property to change the background color of an element to Hex 324C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324C38 }
```

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

```
.background{ background-color:#324C38 }
```

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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