

# Converting Colors

Hex(324C30)

Have a look what the booklet for  
Hex(324C30) contains.

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# Color

Hex(324C30)

# Conversions

## Conversions Part 1

Format	Color
Hex	324C30
RGB	50, 76, 48
RGB Percent	20%, 30%, 19%
CMY	0.8039, 0.7020, 0.8118
CMYK	0.34, 0.00, 0.37, 0.70
HSL	116°, 23%, 24%
HSV	116°, 37%, 30%
XYZ	4.4333, 6.0604, 3.7324
YIQ	65.0340, -6.5080, -14.2200

# Conversions

## Conversions Part 2

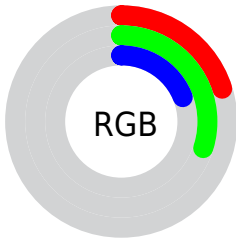
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 76, 74
Decimal	3296304
CIELab	29.56, -16.41, 13.59
CIELCh	30, 21.310, 140.376
Yxy	6.0604, 0.3116, 0.4260
Android (android.graphics.Color)	4281486384 (0xFF324C30)
YUV	65.0340, -8.3978, -13.1848
Hunter-Lab	24.6179, -10.9359, 8.2433

# Details

The Hex color **324C30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A304C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **617D5E**, and **072001** is the 20% darker color. If you saturate the color by 10%, you get **2B4C28**, and if you desaturate by 10%, it is **394C38**.

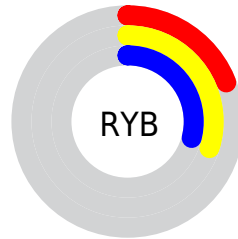
# Distribution



Red (20%)

Green (30%)

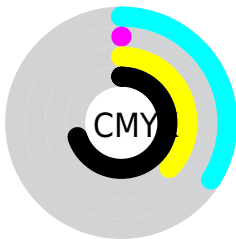
Blue (19%)



Red (19%)

Yellow (30%)

Blue (29%)

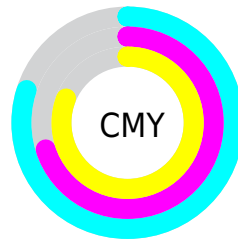


Cyan (34%)

Magenta (0%)

Yellow (37%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 324C30 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 324C30 by changing the saturation by 10% instead.



 324C30

 324C30

FFFFFF

 1C351B

 617D5E

 072001

 7A9777

 000000

 95B291

 AFCDAB

 CBEAC7

 E7FFE3

 324C30

 324C30

 2B4C28

 394C38

■ 244C21

■ 404C3F

■ 1D4C19

■ 474C47

■ 164C12

■ 4E4C4E

■ 0F4C0A

■ 554C56

■ 084C02

■ 5C4C5E

■ 054C00

■ 634C65

■ 6A4C6D

■ 724C74

# Harmonies

## Analogous

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



454826



324C30



1B4E40

# Triad

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



324C30



234966



66393B

# Complementary

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



324C30



4A304C

# 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.



62394C



324C30



404365

# Square

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



324C30



004D5F



553D5B



613D2D

# Rectangle

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



324C30



064E4B



553D5B



663940



# Sweetspot

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



324C30



596359



4C4A30



2D332C



B3B3B3



333333



# Same Dimension

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



324C30



3B6338



304C3C



232622



076600



10E600



# Inverse Universe

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



4A304C



603863



4C3040



262226



5F0066

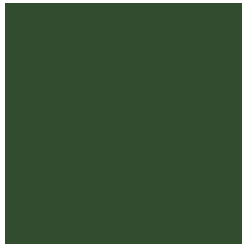


D500E6



# Previews

## White Background



This preview shows how the Hex color 324C30 looks on a white background.

## Color Contrast Check

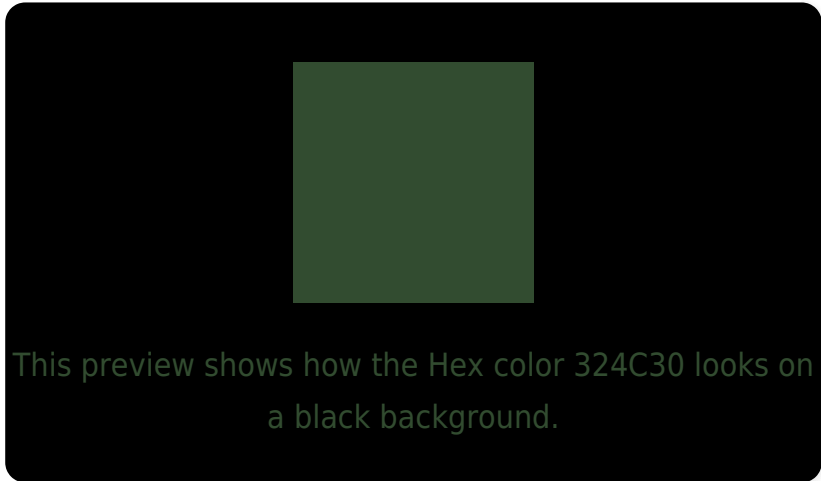
Large Text (above 18pt) WCAG AA ✓ Pass

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

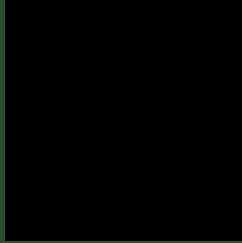
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 324C30 Background



This preview shows how black text looks on a background with the Hex color 324C30.

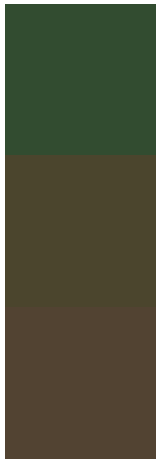


This preview shows how white text looks on a background with the Hex color 324C30.

# 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**  
324C30

**Protanopia**  
4B452D

**Deuteranopia**  
524332



**Tritanopia**  
38484E

# Trichromacy



**Original Color**  
324C30

**Protanomaly**  
42482E

**Deuteranomaly**  
464631

**Tritanomaly**  
364943

# Monochromacy



**Original Color**  
324C30

**Achromatopsia**  
414141

**Achromatomaly**  
3C453B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 324C30 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 #324C30 looks like.

```
.text, #text, p{  
    color:#324C30  
}
```

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 #324C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324C30
}
```

## Border

The CSS property to change the border of an element to Hex 324C30 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
#324C30 }
```

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

```
.border{ border-color:#324C30 }
```

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

Here you see how a box with a 4 pixel #324C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324C30; -webkit-box-shadow:4px 4px  
4px 4px #324C30; box-shadow:4px 4px 4px  
4px #324C30 }
```

# Background

The CSS property to change the background color of an element to Hex 324C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324C30 }
```

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

```
.background{ background-color:#324C30 }
```

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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