

Converting Colors

Hex(324347)

Have a look what the booklet for
Hex(324347) contains.

Hex(324347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(324347)

Conversions

Conversions Part 1

Format	Color
Hex	324347
RGB	50, 67, 71
RGB Percent	20%, 26%, 28%
CMY	0.8039, 0.7373, 0.7216
CMYK	0.30, 0.06, 0.00, 0.72
HSL	191°, 17%, 24%
HSV	191°, 30%, 28%
XYZ	4.4599, 5.1474, 6.7197
YIQ	62.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

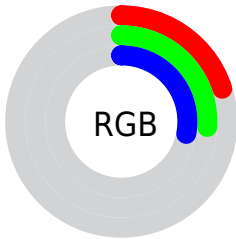
Format	Color
R_{YB}	50, 59, 71
Decimal	3294023
CIE Lab	27.15, -5.65, -4.64
CIE LCh	27, 7.311, 219.382
Yxy	5.1474, 0.2732, 0.3153
Android (android.graphics.Color)	4281484103 (0xFF324347)
YUV	62.3730, 4.2531, -10.8511
Hunter-Lab	22.6878, -4.6147, -1.6792

Details

The Hex color **324347** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **473632**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **617377**, and **06181C** is the 20% darker color. If you saturate the color by 10%, you get **2B4247**, and if you desaturate by 10%, it is **394447**.

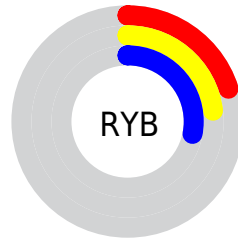
Distribution



 Red (20%)

 Green (26%)

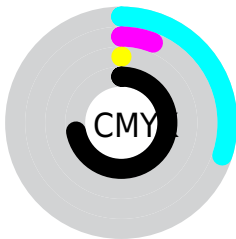
 Blue (28%)



 Red (20%)

 Yellow (23%)

 Blue (28%)

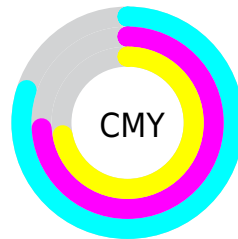


 Cyan (30%)

 Magenta (6%)

 Yellow (0%)

 Black (72%)



 Cyan (80%)

 Magenta (74%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 324347 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 324347 by changing the saturation by 10% instead.

■ 324347

■ 324347

FFFFFF

■ 1C2D31

■ 617377

■ 06181C

■ 7A8C91

■ 000000

■ 94A7AB

■ AFC2C7

■ CADEE3

■ E6FBFF

■ 324347

■ 324347

■ 2B4247

■ 394447

■ 244047

■ 404647

■ 1D3F47

■ 474747

■ 163E47

■ 4E4847

■ 0E3C47

■ 564A47

■ 073B47

■ 5D4B47

■ 003A47

■ 644C47

■ 003947

■ 6B4E47

■ 724F47

Harmonies

Analogous

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



324342



324347



36424A

Triad

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



324347



493D44



434035

Complementary

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



324347



473632

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.



483E36



324347



4C3C3F

Square

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



324347



433E49



4B3D39



3C4237

Rectangle

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



324347



3A414B



4B3D39



454035

Sweetspot

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



324347



545A5C



324736



292D2E



ADADAD



2E2E2E

Same Dimension

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



324347



3C565C



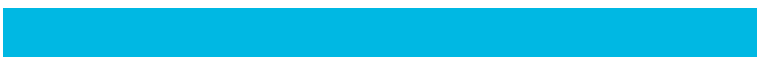
323947



202324



005163



00B8E3

Inverse Universe

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



473243



5C3C56



474032



242023



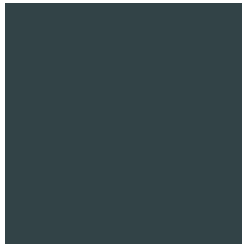
630051



E300B8

Previews

White Background



This preview shows how the Hex color 324347 looks on a white background.

Color Contrast Check

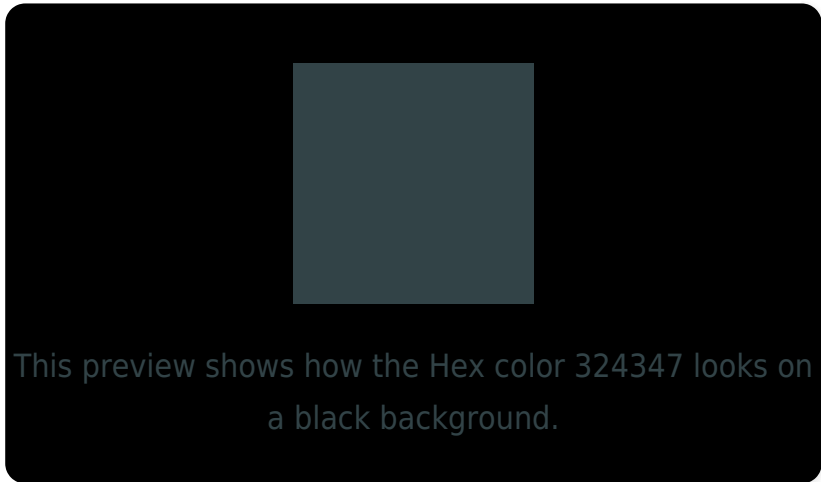
Large Text (above 18pt) WCAG AA ✓ Pass

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

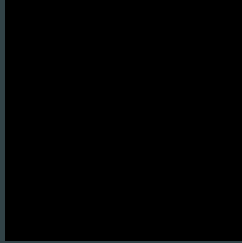
Any Text WCAG AA × Fail

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 324347 Background



This preview shows how black text looks on a background with the Hex color 324347.



This preview shows how white text looks on a background with the Hex color 324347.

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](#).

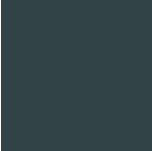
Dichromacy



Original Color
324347

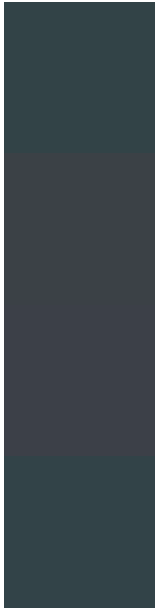
Protanopia
404045

Deuteranopia
423E48



Tritanopia
324348

Trichromacy



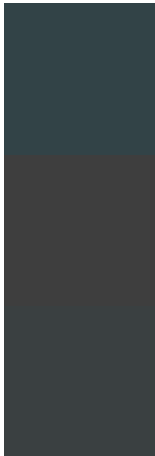
Original Color
324347

Protanomaly
3B4146

Deuteranomaly
3C4048

Tritanomaly
324348

Monochromacy



Original Color
324347

Achromatopsia
3E3E3E

Achromatomaly
3A4041

CSS Examples

Text

The CSS property to change the color of the text to Hex 324347 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 #324347 looks like.

```
.text, #text, p{  
    color:#324347  
}
```

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 #324347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324347
}
```

Border

The CSS property to change the border of an element to Hex 324347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

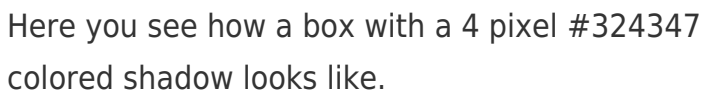
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#324347 }
```

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

```
.border{ border-color:#324347 }
```

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



Here you see how a box with a 4 pixel #324347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324347; -webkit-box-shadow:4px 4px  
4px 4px #324347; box-shadow:4px 4px 4px  
4px #324347 }
```

Background

The CSS property to change the background color of an element to Hex 324347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324347 }
```

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

```
.background{ background-color:#324347 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor