

Converting Colors

Hex(304854)

Have a look what the booklet for
Hex(304854) contains.

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Color

Hex(304854)

Conversions

Conversions Part 1

Format	Color
Hex	304854
RGB	48, 72, 84
RGB Percent	19%, 28%, 33%
CMY	0.8118, 0.7176, 0.6706
CMYK	0.43, 0.14, 0.00, 0.67
HSL	200°, 27%, 26%
HSV	200°, 43%, 33%
XYZ	5.1365, 5.9032, 9.2562
YIQ	66.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

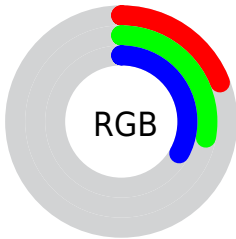
Format	Color
RYB	48, 62, 84
Decimal	3164244
CIELab	29.17, -5.65, -10.07
CIElCh	29, 11.542, 240.704
Yxy	5.9032, 0.2531, 0.2909
Android (android.graphics.Color)	4281354324 (0xFF304854)
YUV	66.1920, 8.7793, -15.9544
Hunter-Lab	24.2965, -4.7822, -5.5801

Details

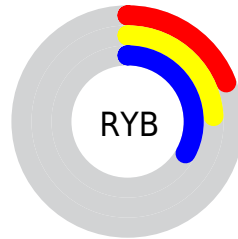
The Hex color **304854** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **543C30**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **607886**, and **021D27** is the 20% darker color. If you saturate the color by 10%, you get **284554**, and if you desaturate by 10%, it is **384B54**.

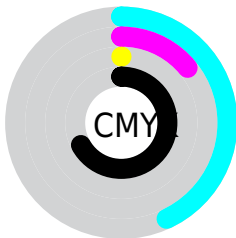
Distribution



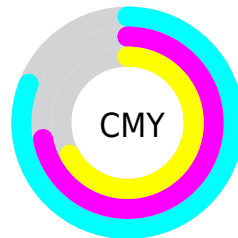
- Red (19%)
- Green (28%)
- Blue (33%)



- Red (19%)
- Yellow (24%)
- Blue (33%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (81%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304854 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 304854 by changing the saturation by 10% instead.



304854



304854

FFFFFF



19323D



607886



021D27



7992A0



000113



93ADBB



000000



AEC8D6



CAE4F3



E6FFFF



304854



304854



284554



384B54

■ 1F4254

■ 414E54

■ 174054

■ 495054

■ 0E3D54

■ 525354

■ 063A54

■ 5A5654

■ 003854

■ 625954

■ 6B5C54

■ 735E54

■ 7C6154

Harmonies

Analogous

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



2C4A4D



304854



3A4556

Triad

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



304854



563E45



424735

Complementary

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



304854



543C30

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.



4B4433



304854



573F3C

Square

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



304854



50404E



534135



37493C

Rectangle

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



304854



434355



534135



454634

Sweetspot

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



304854



5F696E



30543C



2F3538



B8B8B8



383838

Same Dimension

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



304854



365B6E



303654



252729



004669



009BE8

Inverse Universe

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



543048



6E365B



544E30



292527



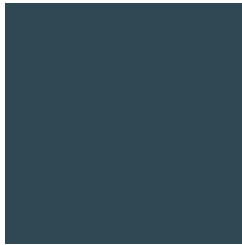
690046



E8009B

Previews

White Background



This preview shows how the Hex color 304854 looks on a white background.

Color Contrast Check

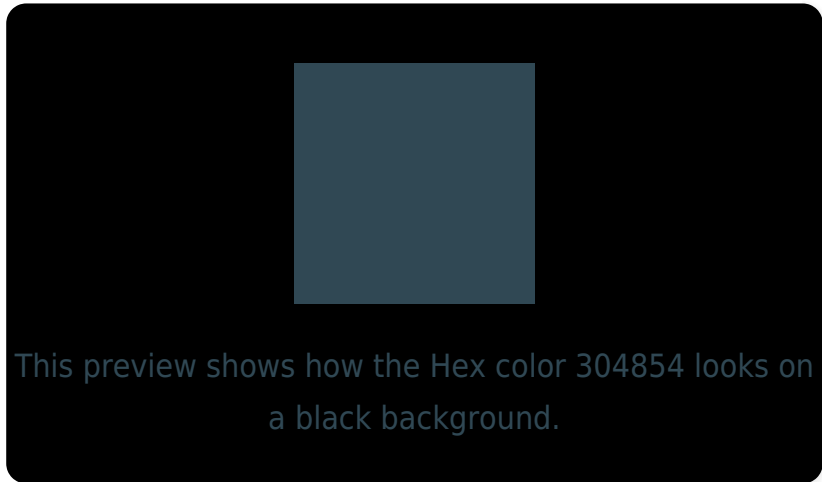
Large Text (above 18pt) WCAG AA ✓ Pass

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

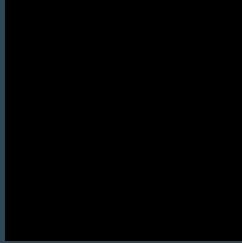
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

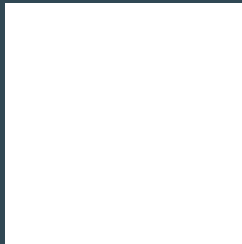
Any Text WCAG AAA × Fail

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

Hex 304854 Background



This preview shows how black text looks on a background with the Hex color 304854.



This preview shows how white text looks on a background with the Hex color 304854.

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](#).

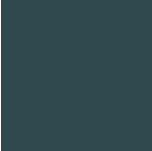
Dichromacy



Original Color
304854

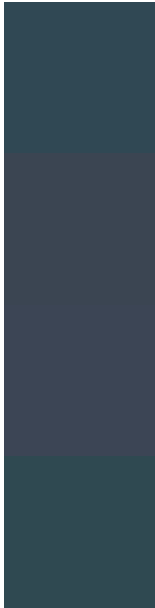
Protanopia
424451

Deuteranopia
434355



Tritanopia
2F494F

Trichromacy



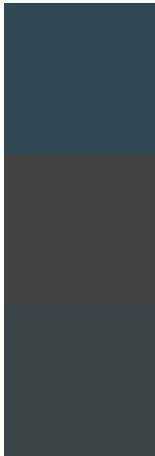
Original Color
304854

Protanomaly
3B4552

Deuteranomaly
3C4555

Tritanomaly
2F4951

Monochromacy



Original Color
304854

Achromatopsia
424242

Achromatomaly
3B4449

CSS Examples

Text

The CSS property to change the color of the text to Hex 304854 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 #304854 looks like.

```
.text, #text, p{  
    color:#304854  
}
```

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 #304854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304854
}
```

Border

The CSS property to change the border of an element to Hex 304854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

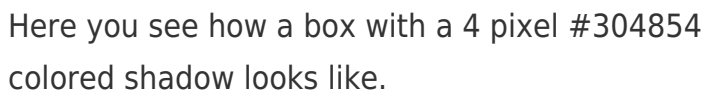
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#304854 }
```

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

```
.border{ border-color:#304854 }
```

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



Here you see how a box with a 4 pixel #304854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304854; -webkit-box-shadow:4px 4px  
4px 4px #304854; box-shadow:4px 4px 4px  
4px #304854 }
```

Background

The CSS property to change the background color of an element to Hex 304854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304854 }
```

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

```
.background{ background-color:#304854 }
```

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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