

Converting Colors

Hex(304B48)

Have a look what the booklet for
Hex(304B48) contains.

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Color

Hex(304B48)

Conversions

Conversions Part 1

Format	Color
Hex	304B48
RGB	48, 75, 72
RGB Percent	19%, 29%, 28%
CMY	0.8118, 0.7059, 0.7176
CMYK	0.36, 0.00, 0.04, 0.71
HSL	173°, 22%, 24%
HSV	173°, 36%, 29%
XYZ	4.9047, 6.1284, 7.0553
YIQ	66.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

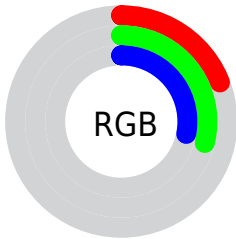
Format	Color
R_{YB}	48, 62, 75
Decimal	3165000
CIE _{Lab}	29.73, -10.98, -1.48
CIE _{LCh}	30, 11.080, 187.670
Yxy	6.1284, 0.2712, 0.3388
Android (android.graphics.Color)	4281355080 (0xFF304B48)
YUV	66.5850, 2.6696, -16.2990
Hunter-Lab	24.7556, -7.9571, 0.4315

Details

The Hex color **304B48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4B3033**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F7C78**, and **041F1D** is the 20% darker color. If you saturate the color by 10%, you get **294B47**, and if you desaturate by 10%, it is **384B49**.

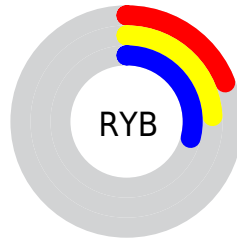
Distribution



Red (19%)

Green (29%)

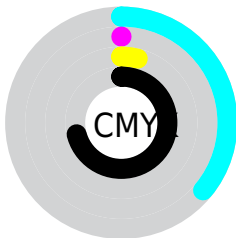
Blue (28%)



Red (19%)

Yellow (24%)

Blue (29%)

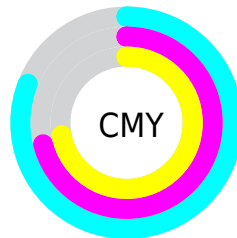


Cyan (36%)

Magenta (0%)

Yellow (4%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304B48 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 304B48 by changing the saturation by 10% instead.

■ 304B48

■ 304B48

FFFFFF

■ 1A3432

■ 5F7C78

■ 041F1D

■ 789692

■ 000002

■ 92B0AD

■ 000000

■ ADCCC8

■ C9E8E4

■ E5FFFF

■ 304B48

■ 304B48

■ 294B47

■ 384B49

■ 214B46

■ 3F4B4A

■ 194B46

■ 474B4B

■ 124B45

■ 4E4B4B

■ 0B4B44

■ 564B4C

■ 034B43

■ 5D4B4D

■ 004B43

■ 654B4E

■ 6C4B4F

■ 744B4F

Harmonies

Analogous

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



374A3F



304B48



2E4A50

Triad

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



304B48



4A4354



524336

Complementary

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



304B48



4B3033

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.



57413C



304B48



53414D

Square

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



304B48



3F4657



584044



4A4635

Rectangle

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



304B48



324954



584044



544238

Sweetspot

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



304B48



566160



334B30



2A3030



B0B0B0



303030

Same Dimension

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



304B48



37615C



30414B



222626



00665B



00E6CC

Inverse Universe

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



4B3033



61373C



4B3A30



262223



66000B



E60019

Previews

White Background



This preview shows how the Hex color 304B48 looks on a white background.

Color Contrast Check

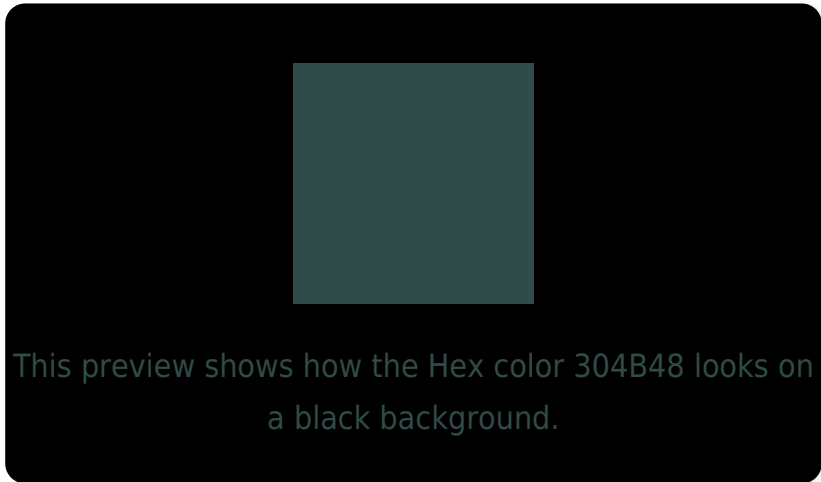
Large Text (above 18pt) WCAG AA ✓ Pass

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

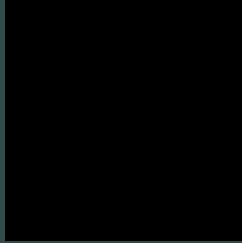
Any Text WCAG AA × Fail

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 304B48 Background



This preview shows how black text looks on a background with the Hex color 304B48.



This preview shows how white text looks on a background with the Hex color 304B48.

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](#).

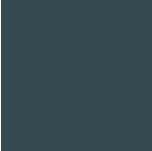
Dichromacy



Original Color
304B48

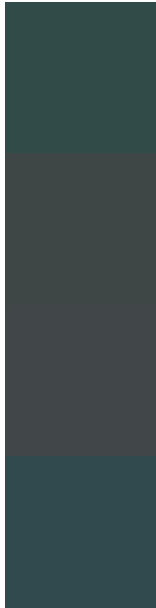
Protanopia
474545

Deuteranopia
4B444A



Tritanopia
324A50

Trichromacy



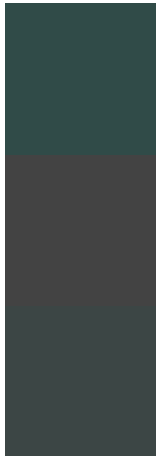
Original Color
304B48

Protanomaly
3F4746

Deuteranomaly
414749

Tritanomaly
314A4D

Monochromacy



Original Color
304B48

Achromatopsia
434343

Achromatomaly
3C4645

CSS Examples

Text

The CSS property to change the color of the text to Hex 304B48 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 #304B48 looks like.

```
.text, #text, p{  
    color:#304B48  
}
```

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 #304B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304B48
}
```

Border

The CSS property to change the border of an element to Hex 304B48 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
#304B48 }
```

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

```
.border{ border-color:#304B48 }
```

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

Here you see how a box with a 4 pixel #304B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304B48; -webkit-box-shadow:4px 4px  
4px 4px #304B48; box-shadow:4px 4px 4px  
4px #304B48 }
```

Background

The CSS property to change the background color of an element to Hex 304B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304B48 }
```

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

```
.background{ background-color:#304B48 }
```

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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