

Converting Colors

Hex(304549)

Have a look what the booklet for
Hex(304549) contains.

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Color

Hex(304549)

Conversions

Conversions Part 1

Format	Color
Hex	304549
RGB	48, 69, 73
RGB Percent	19%, 27%, 29%
CMY	0.8118, 0.7294, 0.7137
CMYK	0.34, 0.05, 0.00, 0.71
HSL	190°, 21%, 24%
HSV	190°, 34%, 29%
XYZ	4.5496, 5.3657, 7.0992
YIQ	63.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

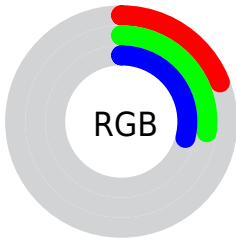
Format	Color
R_YB	48, 59, 73
Decimal	3163465
CIE Lab	27.75, -7.04, -5.06
CIE LCh	28, 8.673, 215.711
Yxy	5.3657, 0.2674, 0.3154
Android (android.graphics.Color)	4281353545 (0xFF304549)
YUV	63.1770, 4.8427, -13.3102
Hunter-Lab	23.1639, -5.4775, -1.9563

Details

The Hex color **304549** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493430**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5F757A**, and **031A1D** is the 20% darker color. If you saturate the color by 10%, you get **294449**, and if you desaturate by 10%, it is **374649**.

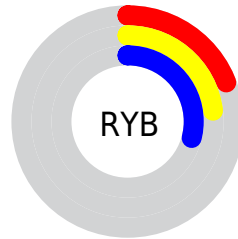
Distribution



 Red (19%)

 Green (27%)

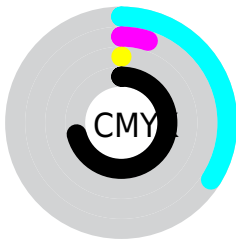
 Blue (29%)




 Red (19%)

 Yellow (23%)

 Blue (29%)

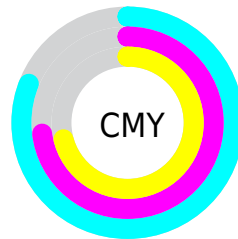


 Cyan (34%)


 Magenta (5%)

 Yellow (0%)

 Black (71%)



 Cyan (81%)

 Magenta (73%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304549 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 304549 by changing the saturation by 10% instead.

■ 304549

■ 304549

FFFFFF

■ 1A2F33

■ 5F757A

■ 031A1D

■ 788F93

■ 000003

■ 92A9AE

■ 000000

■ ADC5C9

■ C8E0E5

■ E4FDFF

■ 304549

■ 304549

■ 294449

■ 374649

■ 214349

■ 3F4749

■ 1A4149

■ 464949

■ 134049

■ 4D4A49

■ 0C3F49

■ 554B49

■ 043E49

■ 5C4C49

■ 003D49

■ 634D49

■ 6A4E49

■ 725049

Harmonies

Analogous

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



314543



304549



34444D

Triad

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



304549



4B3E47



454134

Complementary

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



304549



493430

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.



4C3F36



304549



4F3D40

Square

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



304549



443F4C



4F3E3A



3E4337

Rectangle

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



304549



39424F



4F3E3A



484134

Sweetspot

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



304549



555D5E



304934



2B3030



B0B0B0



303030

Same Dimension

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



304549



38585E



303949



202324



005463



00BFE3

Inverse Universe

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



493045



5E3858



494030



242023



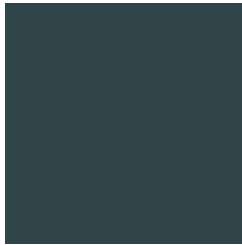
630054



E300BF

Previews

White Background



This preview shows how the Hex color 304549 looks on a white background.

Color Contrast Check

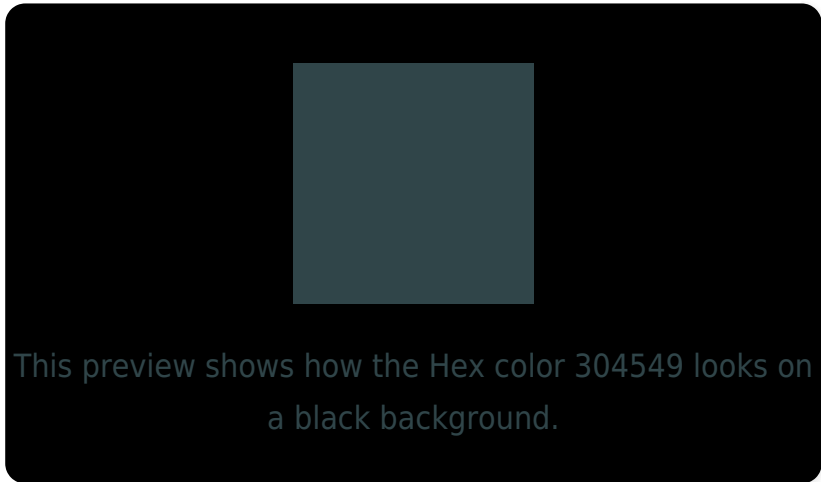
Large Text (above 18pt) WCAG AA ✓ Pass

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

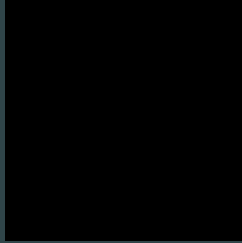
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

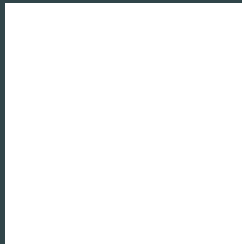
Any Text WCAG AAA × Fail

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

Hex 304549 Background



This preview shows how black text looks on a background with the Hex color 304549.



This preview shows how white text looks on a background with the Hex color 304549.

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](#).

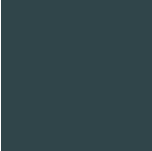
Dichromacy



Original Color
304549

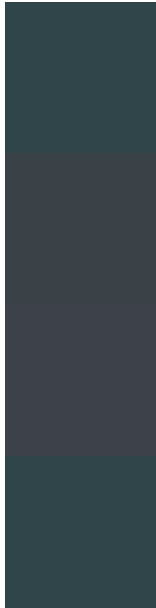
Protanopia
414146

Deuteranopia
44404A



Tritanopia
30454A

Trichromacy



Original Color
304549

Protanomaly
3B4247

Deuteranomaly
3D424A

Tritanomaly
30454A

Monochromacy



Original Color
304549

Achromatopsia
3F3F3F

Achromatomaly
3A4143

CSS Examples

Text

The CSS property to change the color of the text to Hex 304549 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 #304549 looks like.

```
.text, #text, p{  
    color:#304549  
}
```

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 #304549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304549
}
```

Border

The CSS property to change the border of an element to Hex 304549 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
#304549 }
```

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

```
.border{ border-color:#304549 }
```

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

Here you see how a box with a 4 pixel #304549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304549; -webkit-box-shadow:4px 4px  
4px 4px #304549; box-shadow:4px 4px 4px  
4px #304549 }
```

Background

The CSS property to change the background color of an element to Hex 304549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304549 }
```

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

```
.background{ background-color:#304549 }
```

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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