

# Converting Colors

Hex(305849)

Have a look what the booklet for  
Hex(305849) contains.

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# Color

**Hex(305849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	305849
RGB	48, 88, 73
RGB Percent	19%, 35%, 29%
CMY	0.8118, 0.6549, 0.7137
CMYK	0.45, 0.00, 0.17, 0.65
HSL	158°, 29%, 27%
HSV	158°, 45%, 35%
XYZ	5.9112, 8.0889, 7.5531
YIQ	74.3300, -19.0250, -13.1450

# Conversions

## Conversions Part 2

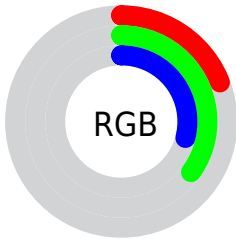
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 73, 88
Decimal	3168329
CIE Lab	34.17, -18.14, 4.32
CIE LCh	34, 18.646, 166.609
Yxy	8.0889, 0.2743, 0.3753
Android (android.graphics.Color)	4281358409 (0xFF305849)
YUV	74.3300, -0.6557, -23.0914
Hunter-Lab	28.4409, -12.6717, 4.1630

# Details

The Hex color **305849** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58303F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **618A7A**, and **002A1D** is the 20% darker color. If you saturate the color by 10%, you get **275846**, and if you desaturate by 10%, it is **39584C**.

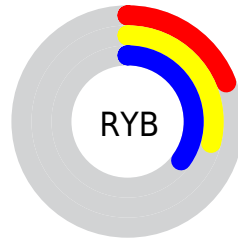
# Distribution



Red (19%)

Green (35%)

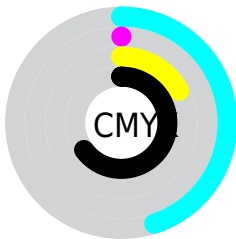
Blue (29%)



Red (19%)

Yellow (29%)

Blue (35%)

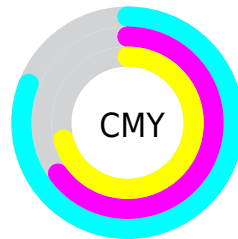


Cyan (45%)

Magenta (0%)

Yellow (17%)

Black (65%)



Cyan (81%)

Magenta (65%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 305849 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 305849 by changing the saturation by 10% instead.





305849



305849

FFFFFF



184033



618A7A



002A1D



7AA593



001704



94C0AE



000000



AFDCC9



CBF8E5



E7FFFF



305849



305849



275846



39584C

■ 1E5842

■ 425850

■ 16583F

■ 4A5853

■ 0D583C

■ 535856

■ 045839

■ 5C585A

■ 005837

■ 65585D

■ 6E5860

■ 765863

■ 7F5867

# Harmonies

## Analogous

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



42563C



305849



215858

# Triad

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



305849



494F6D



6A483B

# Complementary

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



305849



58303F

# 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.



6E4549



305849



5C4A65

# Square

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



305849



32546D



694658



614D34

# Rectangle

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



305849



1F5861



694658



6C473F



# Sweetspot

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



305849



63736D



3F5830



313B37



BABABA



3B3B3B



# Same Dimension

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



305849



34735B



305358



272B2A



006B43



00EB93



# Inverse Universe

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



58303F



73344B



583530



2B2729



6B0028



EB0058



# Previews

## White Background



This preview shows how the Hex color 305849 looks on a white background.

## Color Contrast Check

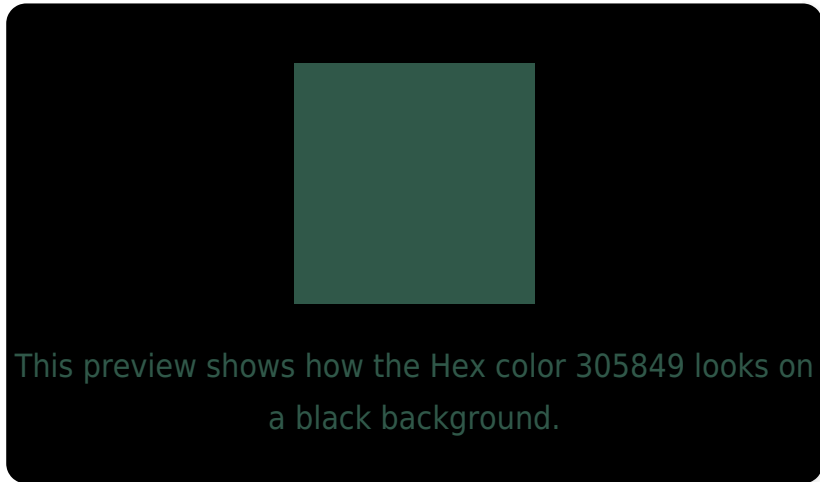
Large Text (above 18pt) WCAG AA ✓ Pass

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

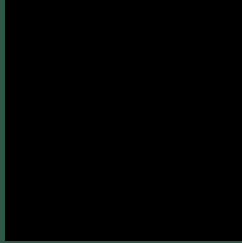
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 305849 Background



This preview shows how black text looks on a background with the Hex color 305849.



This preview shows how white text looks on a background with the Hex color 305849.

# 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**  
305849

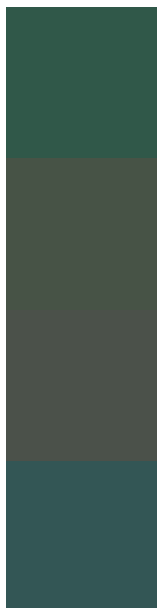
**Protanopia**  
545045

**Deuteranopia**  
5A4D4B



**Tritanopia**  
35555C

# Trichromacy



**Original Color**

305849

**Protanomaly**

475346

**Deuteranomaly**

4B514A

**Tritanomaly**

335655

# Monochromacy



**Original Color**

305849

**Achromatopsia**

4A4A4A

**Achromatomaly**

414F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 305849 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 #305849 looks like.

```
.text, #text, p{  
    color:#305849  
}
```

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 #305849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305849
}
```

## Border

The CSS property to change the border of an element to Hex 305849 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
#305849 }
```

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

```
.border{ border-color:#305849 }
```

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

Here you see how a box with a 4 pixel #305849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305849; -webkit-box-shadow:4px 4px  
4px 4px #305849; box-shadow:4px 4px 4px  
4px #305849 }
```

# Background

The CSS property to change the background color of an element to Hex 305849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305849 }
```

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

```
.background{ background-color:#305849 }
```

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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