

# Converting Colors

Hex(305B39)

Have a look what the booklet for  
Hex(305B39) contains.

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# Color

**Hex(305B39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	305B39
RGB	48, 91, 57
RGB Percent	19%, 36%, 22%
CMY	0.8118, 0.6431, 0.7765
CMYK	0.47, 0.00, 0.37, 0.64
HSL	133°, 31%, 27%
HSV	133°, 47%, 36%
XYZ	5.6985, 8.4060, 5.1931
YIQ	74.2670, -14.7140, -19.6900

# Conversions

## Conversions Part 2

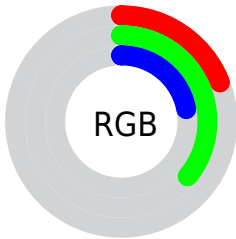
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 84, 91
Decimal	3169081
CIELab	34.81, -23.33, 15.08
CIElCh	35, 27.783, 147.124
Yxy	8.4060, 0.2953, 0.4356
Android (android.graphics.Color)	4281359161 (0xFF305B39)
YUV	74.2670, -8.5126, -23.0362
Hunter-Lab	28.9930, -15.6539, 9.6754




# Details

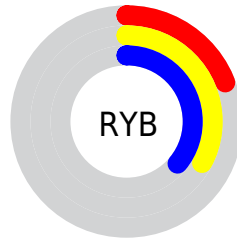
The Hex color **305B39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B3052**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **618E68**, and **002D0E** is the 20% darker color. If you saturate the color by 10%, you get **275B32**, and if you desaturate by 10%, it is **395B40**.

# Distribution







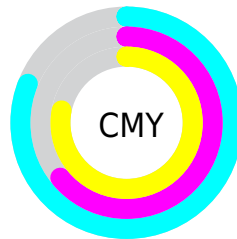
-  Red (19%)
-  Green (36%)
-  Blue (22%)






-  Red (19%)
-  Yellow (33%)
-  Blue (36%)



-  Cyan (47%)
-  Magenta (0%)
-  Yellow (37%)
-  Black (64%)



-  Cyan (81%)
-  Magenta (64%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 305B39 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 305B39 by changing the saturation by 10% instead.





305B39



305B39

FFFFFF



184323



618E68



002D0E



7AA882



001900



95C39C



000000



B0E0B7



CCFCD2



E8FFE8



305B39



305B39



275B32



395B40

■ 1E5B2B

■ 425B47

■ 155B23

■ 4B5B4F

■ 0C5B1C

■ 545B56

■ 035B15

■ 5E5B5D

■ 005B13

■ 675B64

■ 705B6B

■ 795B73

■ 825B7A

# Harmonies

## Analogous

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



4B5729



305B39



005D4F

# Triad

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



305B39



27557E



7B413F

# Complementary

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



305B39



5B3052

# 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.



7A4055



305B39



504D79

# Square

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



305B39



005A77



6B456A



72482D

# Rectangle

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



305B39



005D5E



6B456A



7C4046



# Sweetspot

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



305B39



657568



525B30



313B33



BABABA



3B3B3B



# Same Dimension

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



305B39



327540



305B4E



292E2A



006E17



00ED32



# Inverse Universe

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



5B3052



753267



5B303D



2E292D



6E0057

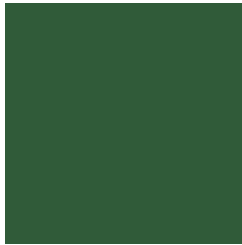


ED00BC



# Previews

## White Background



This preview shows how the Hex color 305B39 looks on a white background.

## Color Contrast Check

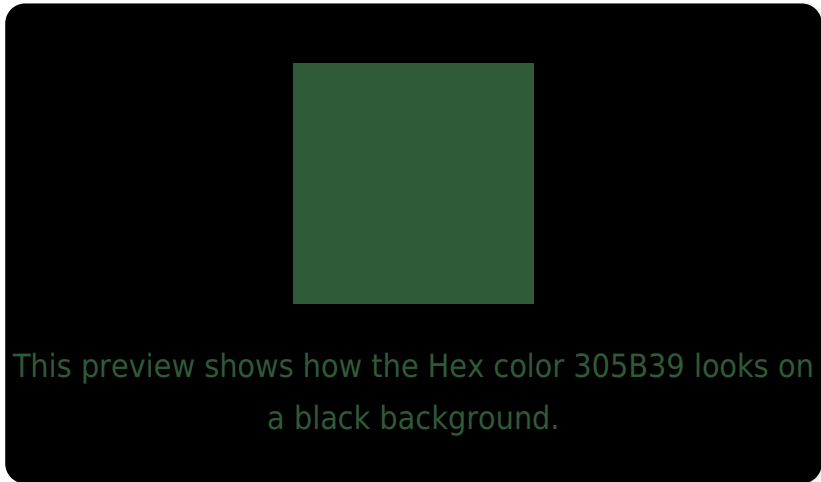
Large Text (above 18pt) WCAG AA ✓ Pass

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

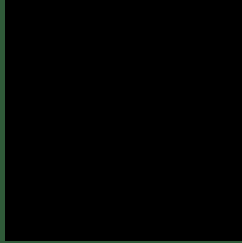
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 305B39 Background



This preview shows how black text looks on a background with the Hex color 305B39.



This preview shows how white text looks on a background with the Hex color 305B39.

# 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**  
305B39

**Protanopia**  
595235

**Deuteranopia**  
604E3C



**Tritanopia**  
38575E

# Trichromacy



**Original Color**  
305B39

**Protanomaly**  
4A5536

**Deuteranomaly**  
4F533B

**Tritanomaly**  
355851

# Monochromacy



**Original Color**  
305B39

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
415044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 305B39 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 #305B39 looks like.

```
.text, #text, p{  
    color:#305B39  
}
```

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 #305B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305B39
}
```

## Border

The CSS property to change the border of an element to Hex 305B39 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".

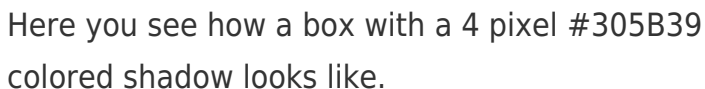
```
.border, #border, table{ border:4px solid
#305B39 }
```

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

```
.border{ border-color:#305B39 }
```

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

Here you see how a box with a 4 pixel #305B39 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305B39; -webkit-box-shadow:4px 4px  
4px 4px #305B39; box-shadow:4px 4px 4px  
4px #305B39 }
```

# Background

The CSS property to change the background color of an element to Hex 305B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305B39 }
```

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

```
.background{ background-color:#305B39 }
```

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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