

# Converting Colors

Hex(305C4E)

Have a look what the booklet for  
Hex(305C4E) contains.

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# Color

**Hex(305C4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	305C4E
RGB	48, 92, 78
RGB Percent	19%, 36%, 31%
CMY	0.8118, 0.6392, 0.6941
CMYK	0.48, 0.00, 0.15, 0.64
HSL	161°, 31%, 27%
HSV	161°, 48%, 36%
XYZ	6.4212, 8.8327, 8.5742
YIQ	77.2480, -21.7300, -13.6820

# Conversions

## Conversions Part 2

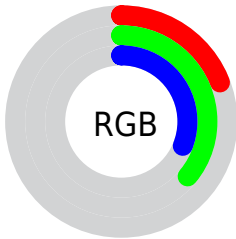
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 74, 92
Decimal	3169358
CIELab	35.66, -19.03, 3.34
CIELCh	36, 19.325, 170.034
Yxy	8.8327, 0.2695, 0.3707
Android (android.graphics.Color)	4281359438 (0xFF305C4E)
YUV	77.2480, 0.3707, -25.6505
Hunter-Lab	29.7199, -13.4435, 3.6988

# Details

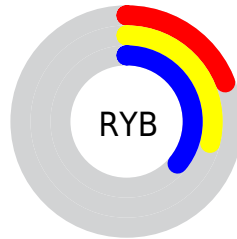
The Hex color **305C4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C303E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **618F7F**, and **002E22** is the 20% darker color. If you saturate the color by 10%, you get **275C4B**, and if you desaturate by 10%, it is **395C51**.

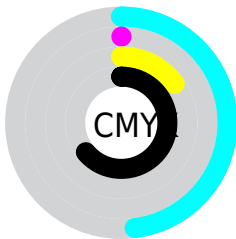
# Distribution



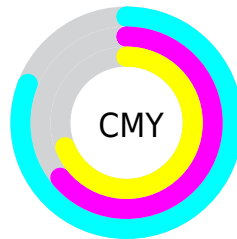
- Red (19%)
- Green (36%)
- Blue (31%)



- Red (19%)
- Yellow (29%)
- Blue (36%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (64%)



- Cyan (81%)
- Magenta (64%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 305C4E 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 305C4E by changing the saturation by 10% instead.



 305C4E

 305C4E

FFFFFF

 184437

 618F7F

 002E22

 7BA999

 001B0C

 95C4B4

 000000

 B0E0CF

 CCFDEB

 E8FFFF

 305C4E

 305C4E

 275C4B

 395C51

■ 1E5C48

■ 425C54

■ 145C45

■ 4C5C57

■ 0B5C42

■ 555C5A

■ 025C3F

■ 5E5C5D

■ 005C3F

■ 675C60

■ 705C62

■ 7A5C65

■ 835C68

# Harmonies

## Analogous

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



425A40



305C4E



215C5E

# Triad

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



305C4E



4F5271



6E4C3D

# Complementary

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



305C4E



5C303E

# 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.



73494A



305C4E



624C68

# Square

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



305C4E



375772



6F495A



635136

# Rectangle

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



305C4E



205B67



6F495A



714B41



# Sweetspot

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



305C4E



677873



3F5C30



333D3A



BDBDBD



3D3D3D



# Same Dimension

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



305C4E



347862



30555C



292E2C



006E4B



00EDA2



# Inverse Universe

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



5C303E



783449



5C3730



2E292B



6E0023

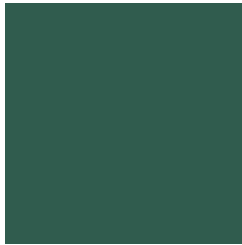


ED004B



# Previews

## White Background



This preview shows how the Hex color 305C4E looks on a white background.

## Color Contrast Check

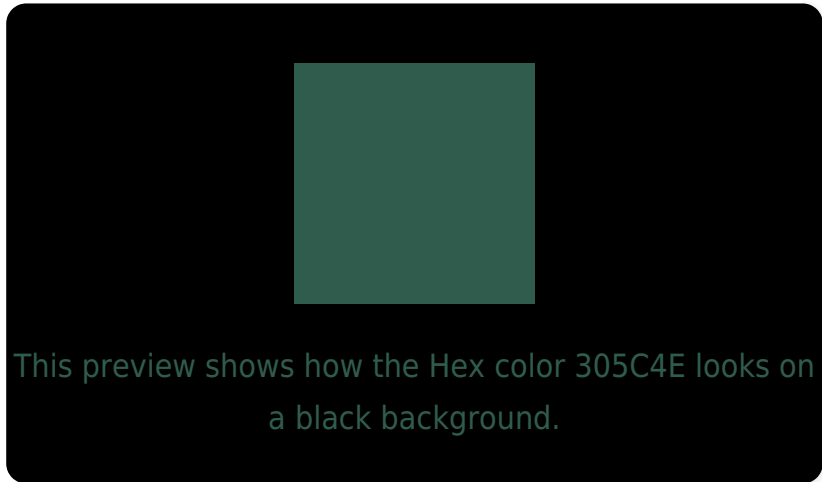
Large Text (above 18pt) WCAG AA ✓ Pass

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

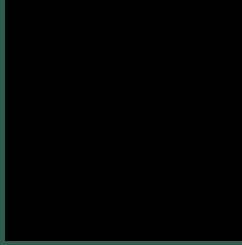
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 305C4E Background



This preview shows how black text looks on a background with the Hex color 305C4E.



This preview shows how white text looks on a background with the Hex color 305C4E.

# 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**  
305C4E

**Protanopia**  
575349

**Deuteranopia**  
5D5150



**Tritanopia**  
355961

# Trichromacy



**Original Color**  
305C4E

**Protanomaly**  
49564B

**Deuteranomaly**  
4D554F

**Tritanomaly**  
335A5A

# Monochromacy



**Original Color**  
305C4E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
42524D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 305C4E 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 #305C4E looks like.

```
.text, #text, p{  
    color:#305C4E  
}
```

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 #305C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305C4E
}
```

## Border

The CSS property to change the border of an element to Hex 305C4E 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
#305C4E }
```

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

```
.border{ border-color:#305C4E }
```

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

Here you see how a box with a 4 pixel #305C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305C4E; -webkit-box-shadow:4px 4px  
4px 4px #305C4E; box-shadow:4px 4px 4px  
4px #305C4E }
```

# Background

The CSS property to change the background color of an element to Hex 305C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305C4E }
```

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

```
.background{ background-color:#305C4E }
```

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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