

Converting Colors

Hex(305D68)

Have a look what the booklet for
Hex(305D68) contains.

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Color

Hex(305D68)

Conversions

Conversions Part 1

Format	Color
Hex	305D68
RGB	48, 93, 104
RGB Percent	19%, 36%, 41%
CMY	0.8118, 0.6353, 0.5922
CMYK	0.54, 0.11, 0.00, 0.59
HSL	192°, 37%, 30%
HSV	192°, 54%, 41%
XYZ	7.6320, 9.4566, 14.5198
YIQ	80.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

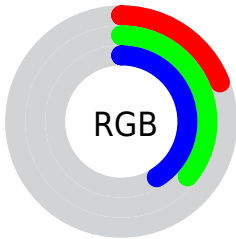
Format	Color
RYB	48, 73, 104
Decimal	3169640
CIELab	36.85, -12.09, -11.06
CIELCh	37, 16.384, 222.460
Yxy	9.4566, 0.2415, 0.2992
Android (android.graphics.Color)	4281359720 (0xFF305D68)
YUV	80.7990, 11.4381, -28.7647
Hunter-Lab	30.7515, -9.5147, -6.4685




Details

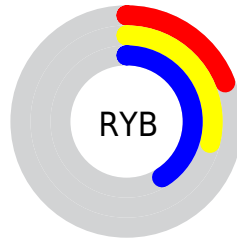
The Hex color **305D68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683B30**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **638F9B**, and **002F39** is the 20% darker color. If you saturate the color by 10%, you get **265B68**, and if you desaturate by 10%, it is **3A5F68**.

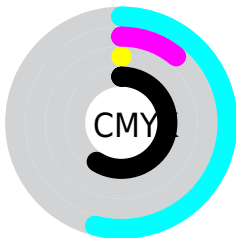
Distribution







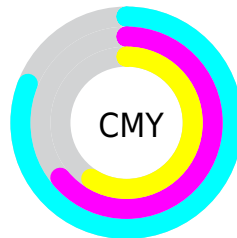
-  Red (19%)
-  Green (36%)
-  Blue (41%)






-  Red (19%)
-  Yellow (29%)
-  Blue (41%)



-  Cyan (54%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (81%)
-  Magenta (64%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305D68 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 305D68 by changing the saturation by 10% instead.

■ 305D68

■ 305D68

FFFFFF

■ 154550

■ 638F9B

■ 002F39

■ 7DAAB6

■ 001B23

■ 98C5D2

■ 00010D

■ B3E1EE

■ 000000

■ CFEEFF

■ ECFFFF

■ 305D68

■ 305D68

■ 265B68

■ 3A5F68

■ 1B5968

■ 456168

■ 115768

■ 4F6368

■ 065568

■ 5A6568

■ 005468

■ 646768

■ 6E6968

■ 796B68

■ 836D68

■ 8E6F68

Harmonies

Analogous

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



315E5C



305D68



3C5A6F

Triad

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



305D68



6C4E5F



5B583D

Complementary

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



305D68



683B30

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.



67533E



305D68



714D52

Square

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



305D68



60516A



6F4F45



4C5B43

Rectangle

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



305D68



485871



6F4F45



5F563C

Sweetspot

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



305D68



728387



30683A



384245



C4C4C4



454545

Same Dimension

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



305D68



2F7687



304268



2E3233



005C73



00C3F2

Inverse Universe

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



68305D



872F76



685630



332E32



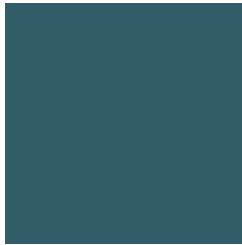
73005C



F200C3

Previews

White Background



This preview shows how the Hex color 305D68 looks on a white background.

Color Contrast Check

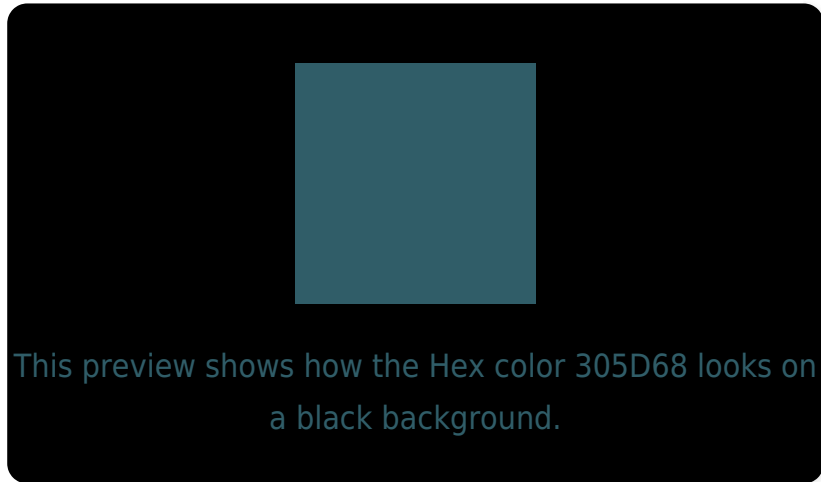
Large Text (above 18pt) WCAG AA ✓ Pass

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

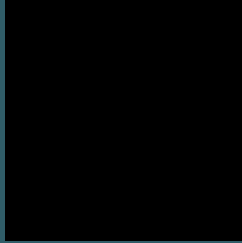
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

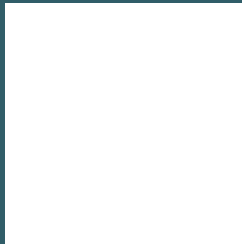
Any Text WCAG AAA × Fail

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

Hex 305D68 Background



This preview shows how black text looks on a background with the Hex color 305D68.

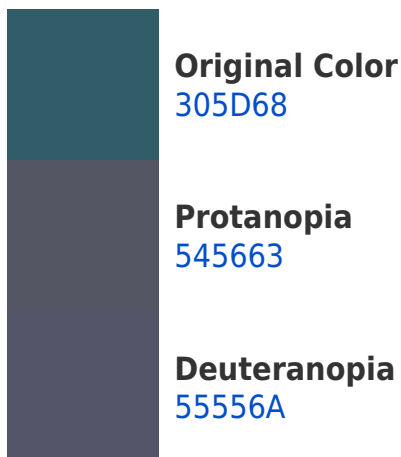



This preview shows how white text looks on a background with the Hex color 305D68.

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](#).

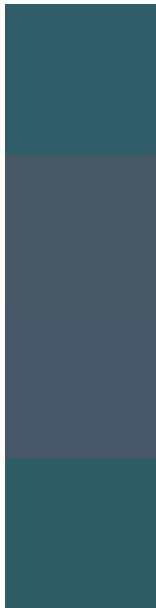
Dichromacy





Tritanopia
2F5D65

Trichromacy



Original Color
305D68

Protanomaly
475965

Deuteranomaly
485869

Tritanomaly
2F5D66

Monochromacy



Original Color
305D68

Achromatopsia
515151

Achromatomaly
455559

CSS Examples

Text

The CSS property to change the color of the text to Hex 305D68 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 #305D68 looks like.

```
.text, #text, p{  
    color:#305D68  
}
```

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 #305D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305D68
}
```

Border

The CSS property to change the border of an element to Hex 305D68 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
#305D68 }
```

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

```
.border{ border-color:#305D68 }
```

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

Here you see how a box with a 4 pixel #305D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305D68; -webkit-box-shadow:4px 4px  
4px 4px #305D68; box-shadow:4px 4px 4px  
4px #305D68 }
```

Background

The CSS property to change the background color of an element to Hex 305D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305D68 }
```

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

```
.background{ background-color:#305D68 }
```

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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