

Converting Colors

Hex(305068)

Have a look what the booklet for
Hex(305068) contains.

| | |
|--|----|
| Hex(305068) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(305068)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 305068 |
| RGB | 48, 80, 104 |
| RGB Percent | 19%, 31%, 41% |
| CMY | 0.8118, 0.6863, 0.5922 |
| CMYK | 0.54, 0.23, 0.00, 0.59 |
| HSL | 206°, 37%, 30% |
| HSV | 206°, 54%, 41% |
| XYZ | 6.5863, 7.3652, 14.1712 |
| YIQ | 73.1680, -26.7760, 0.6800 |

Conversions

Conversions Part 2

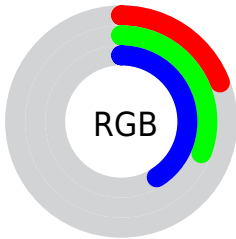
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 48, 68, 104 |
| Decimal | 3166312 |
| CIE _{Lab} | 32.62, -4.22, -17.52 |
| CIE _{LCh} | 33, 18.021, 256.467 |
| Yxy | 7.3652, 0.2342, 0.2619 |
| Android (android.graphics.Color) | 4281356392 (0xFF305068) |
| YUV | 73.1680, 15.2002, -22.0723 |
| Hunter-Lab | 27.1389, -4.1732, -11.9625 |




Details

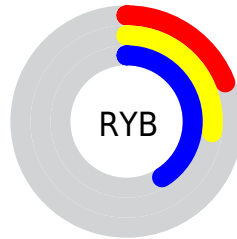
The Hex color **305068** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **684830**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **62819B**, and **002439** is the 20% darker color. If you saturate the color by 10%, you get **264C68**, and if you desaturate by 10%, it is **3A5468**.

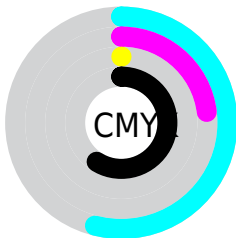
Distribution







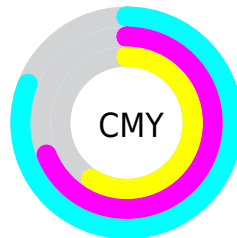
-  Red (19%)
-  Green (31%)
-  Blue (41%)






-  Red (19%)
-  Yellow (27%)
-  Blue (41%)



-  Cyan (54%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (81%)
-  Magenta (69%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305068 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 305068 by changing the saturation by 10% instead.

■ 305068

■ 305068

FFFFFF

■ 163950

■ 62819B

■ 002439

■ 7C9BB6

■ 000E23

■ 97B6D2

■ 00000C

■ B2D1EE

■ 000000

■ CEEEFF

■ EAFFFF

■ 305068

■ 305068

■ 264C68

■ 3A5468

■ 1B4768

■ 455968

■ 114368

■ 4F5D68

■ 063E68

■ 5A6268

■ 003B68

■ 646668

■ 6E6B68

■ 796F68

■ 837468

■ 8E7868

Harmonies

Analogous

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



1F5361



305068



464B68

Triad

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



305068



694245



3F5239

Complementary

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



305068



684830

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.



4F4E31



305068



664539

Square

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



305068



654354



5C4A31



2E5446

Rectangle

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



305068



534864



5C4A31



445136

Sweetspot

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



305068



727E87



306847



383F45



C4C4C4



454545

Same Dimension

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



305068



2F6287



303568



2E3133



004273



008AF2

Inverse Universe

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



683050



872F62



686330



332E31



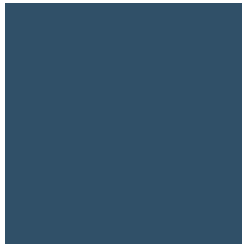
730042



F2008A

Previews

White Background



This preview shows how the Hex color 305068 looks on a white background.

Color Contrast Check

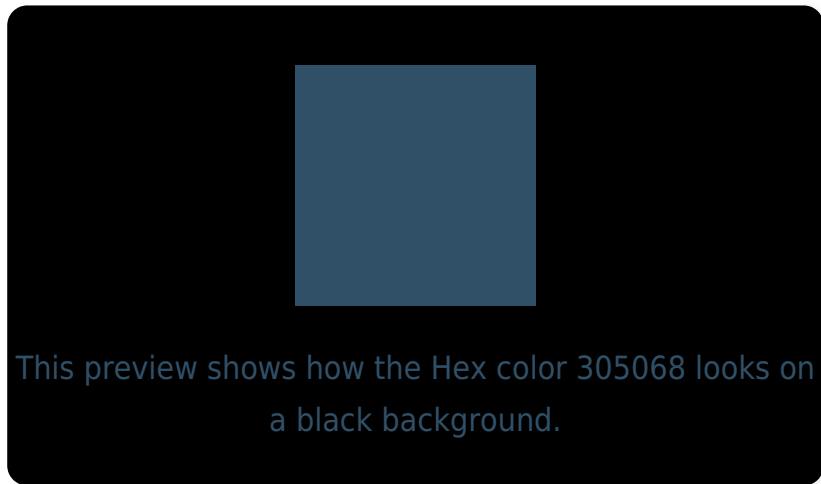
Large Text (above 18pt) WCAG AA ✓ Pass

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

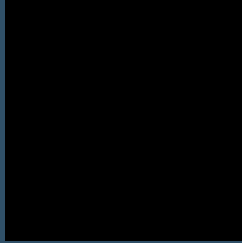
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

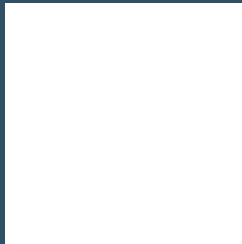
Any Text WCAG AAA × Fail

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

Hex 305068 Background



This preview shows how black text looks on a background with the Hex color 305068.

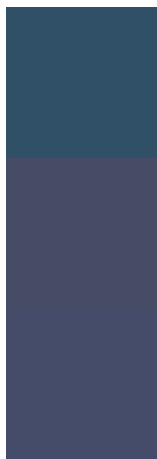


This preview shows how white text looks on a background with the Hex color 305068.

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](#).

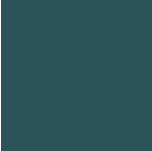
Dichromacy



Original Color
305068

Protanopia
464C65

Deuteranopia
444C69



Tritanopia
2B5359

Trichromacy



Original Color
305068

Protanomaly
3E4D66

Deuteranomaly
3D4D69

Tritanomaly
2D525E

Monochromacy



Original Color
305068

Achromatopsia
494949

Achromatomaly
404C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 305068 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 #305068 looks like.

```
.text, #text, p{  
    color:#305068  
}
```

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 #305068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305068
}
```

Border

The CSS property to change the border of an element to Hex 305068 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
#305068 }
```

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

```
.border{ border-color:#305068 }
```

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

Here you see how a box with a 4 pixel #305068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305068; -webkit-box-shadow:4px 4px  
4px 4px #305068; box-shadow:4px 4px 4px  
4px #305068 }
```

Background

The CSS property to change the background color of an element to Hex 305068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305068 }
```

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

```
.background{ background-color:#305068 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor