

Converting Colors

Hex(305A69)

Have a look what the booklet for
Hex(305A69) contains.

Hex(305A69)	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(305A69)

Conversions

Conversions Part 1

Format	Color
Hex	305A69
RGB	48, 90, 105
RGB Percent	19%, 35%, 41%
CMY	0.8118, 0.6471, 0.5882
CMYK	0.54, 0.14, 0.00, 0.59
HSL	196°, 37%, 30%
HSV	196°, 54%, 41%
XYZ	7.4249, 8.9606, 14.7028
YIQ	79.1520, -29.8470, -4.2390

Conversions

Conversions Part 2

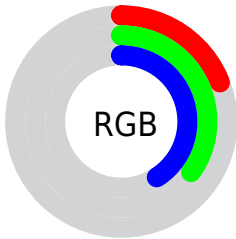
Format	Color
RYB	48, 72, 105
Decimal	3168873
CIELab	35.91, -10.00, -13.11
CIELCh	36, 16.490, 232.658
Yxy	8.9606, 0.2388, 0.2882
Android (android.graphics.Color)	4281358953 (0xFF305A69)
YUV	79.1520, 12.7431, -27.3203
Hunter-Lab	29.9343, -8.1100, -8.1675




Details

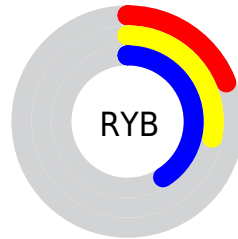
The Hex color **305A69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693F30**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **638C9C**, and **002C3A** is the 20% darker color. If you saturate the color by 10%, you get **265769**, and if you desaturate by 10%, it is **3B5D69**.

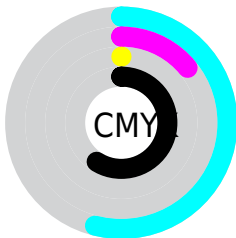
Distribution







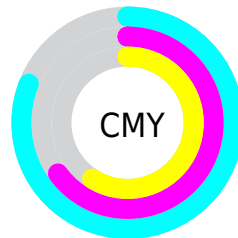
-  Red (19%)
-  Green (35%)
-  Blue (41%)






-  Red (19%)
-  Yellow (28%)
-  Blue (41%)



-  Cyan (54%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305A69 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 305A69 by changing the saturation by 10% instead.



305A69



305A69

FFFFFF



154351



638C9C



002C3A



7DA6B7



001824



97C2D3



00010E



B3DEEF



000000



CFFAFF



ECFFFF



305A69



305A69



265769



3B5D69

■ 1B5469

■ 456069

■ 115269

■ 4F6269

■ 064F69

■ 5A6569

■ 004D69

■ 656869

■ 6F6B69

■ 796D69

■ 847069

■ 8F7369

Harmonies

Analogous

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



2D5C5E



305A69



3F576E

Triad

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



305A69



6C4B58



54573C

Complementary

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



305A69



693F30

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.



61523A



305A69



6F4B4B

Square

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



305A69



624E65



6B4E40



445A44

Rectangle

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



305A69



4C546E



6B4E40



58553B

Sweetspot

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



305A69



74848A



30693E



384145



C4C4C4



454545

Same Dimension

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



305A69



30728A



303E69



303436



005675



00B4F5

Inverse Universe

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



69305A



8A3072



695B30



363034



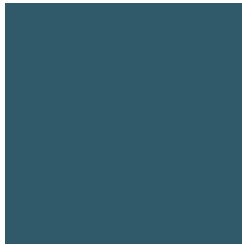
750056



F500B4

Previews

White Background



This preview shows how the Hex color 305A69 looks on a white background.

Color Contrast Check

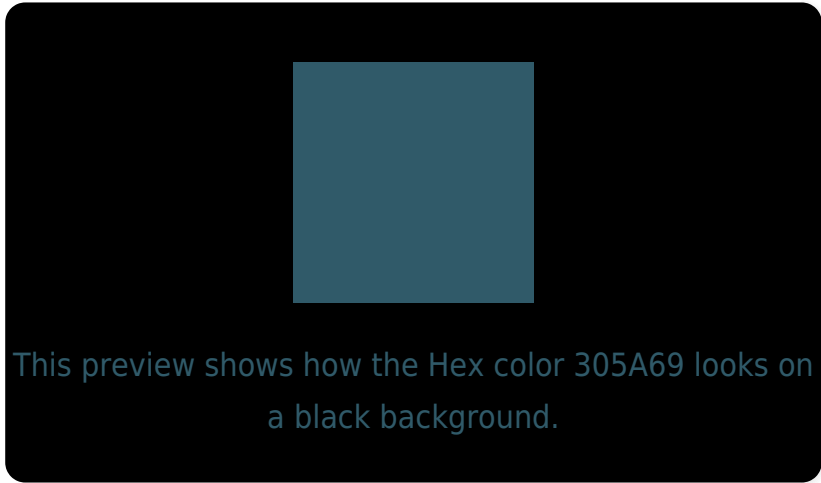
Large Text (above 18pt) WCAG AA ✓ Pass

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

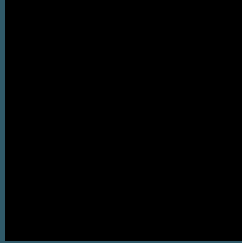
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

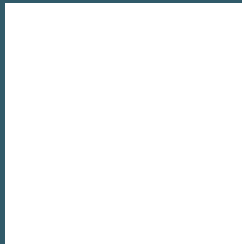
Any Text WCAG AAA × Fail

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

Hex 305A69 Background



This preview shows how black text looks on a background with the Hex color 305A69.

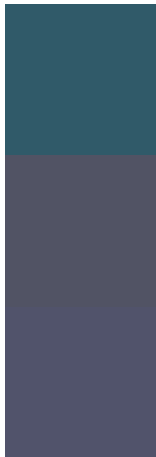


This preview shows how white text looks on a background with the Hex color 305A69.

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
305A69

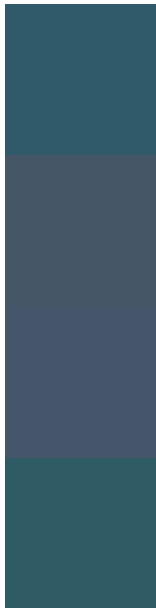
Protanopia
515364

Deuteranopia
51536B



Tritanopia
2E5B62

Trichromacy



Original Color
305A69

Protanomaly
455666

Deuteranomaly
45566A

Tritanomaly
2F5B65

Monochromacy



Original Color
305A69

Achromatopsia
4F4F4F

Achromatomaly
445358

CSS Examples

Text

The CSS property to change the color of the text to Hex 305A69 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 #305A69 looks like.

```
.text, #text, p{  
    color:#305A69  
}
```

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 #305A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305A69
}
```

Border

The CSS property to change the border of an element to Hex 305A69 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
#305A69 }
```

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

```
.border{ border-color:#305A69 }
```

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

Here you see how a box with a 4 pixel #305A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305A69; -webkit-box-shadow:4px 4px  
4px 4px #305A69; box-shadow:4px 4px 4px  
4px #305A69 }
```

Background

The CSS property to change the background color of an element to Hex 305A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305A69 }
```

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

```
.background{ background-color:#305A69 }
```

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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