

Converting Colors

Hex(305D66)

Have a look what the booklet for
Hex(305D66) contains.

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Color

Hex(305D66)

Conversions

Conversions Part 1

Format	Color
Hex	305D66
RGB	48, 93, 102
RGB Percent	19%, 36%, 40%
CMY	0.8118, 0.6353, 0.6000
CMYK	0.53, 0.09, 0.00, 0.60
HSL	190°, 36%, 29%
HSV	190°, 53%, 40%
XYZ	7.5315, 9.4164, 13.9910
YIQ	80.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

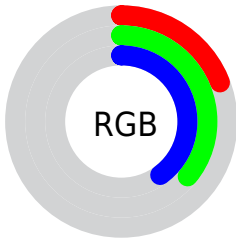
Format	Color
RYB	48, 73, 102
Decimal	3169638
CIELab	36.77, -12.71, -9.93
CIElCh	37, 16.135, 218.001
Yxy	9.4164, 0.2434, 0.3044
Android (android.graphics.Color)	4281359718 (0xFF305D66)
YUV	80.5710, 10.5645, -28.5648
Hunter-Lab	30.6861, -9.8900, -5.5522

Details

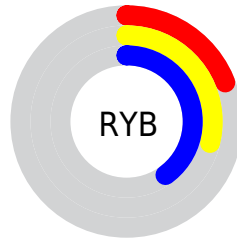
The Hex color **305D66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663930**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **638F99**, and **002F37** is the 20% darker color. If you saturate the color by 10%, you get **265B66**, and if you desaturate by 10%, it is **3A5F66**.

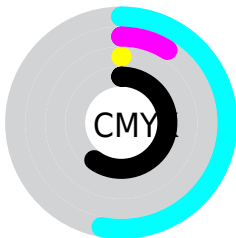
Distribution



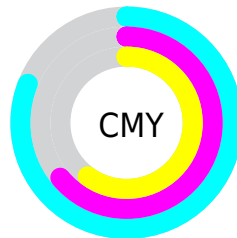
- Red (19%)
- Green (36%)
- Blue (40%)



- Red (19%)
- Yellow (29%)
- Blue (40%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305D66 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 305D66 by changing the saturation by 10% instead.

■ 305D66

■ 305D66

FFFFFF

■ 16454E

■ 638F99

■ 002F37

■ 7DAAB4

■ 001B22

■ 97C5CF

■ 00000B

■ B3E1EB

■ 000000

■ CFFEFF

■ EBFFFF

■ 305D66

■ 305D66

■ 265B66

■ 3A5F66

■ 1C5A66

■ 446066

■ 115866

■ 4F6266

■ 075666

■ 596466

■ 005566

■ 636666

■ 6D6766

■ 776966

■ 826B66

■ 8C6C66

Harmonies

Analogous

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



335E5A



305D66



3A5A6E

Triad

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



305D66



6A4E61



5C573D

Complementary

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



305D66



663930

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.



68523F



305D66



704D53

Square

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



305D66



5D526B



704F47



4E5B42

Rectangle

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



305D66



455870



704F47



61553D

Sweetspot

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



305D66



6F8185



306639



364042



C2C2C2



424242

Same Dimension

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



305D66



307685



304266



2E3233



006073



00CAF2

Inverse Universe

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



66305D



853076



665430



332E32



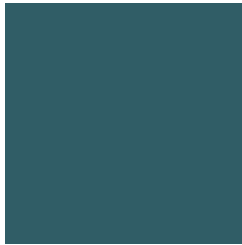
730060



F200CA

Previews

White Background



This preview shows how the Hex color 305D66 looks on a white background.

Color Contrast Check

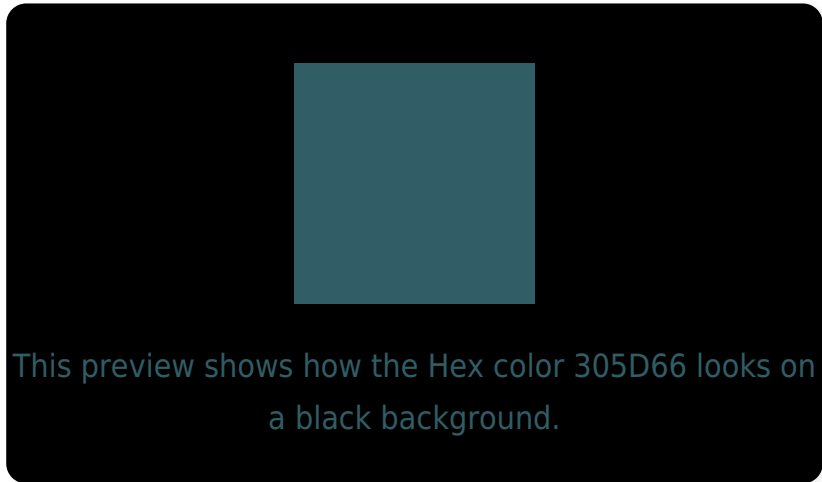
Large Text (above 18pt) WCAG AA ✓ Pass

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

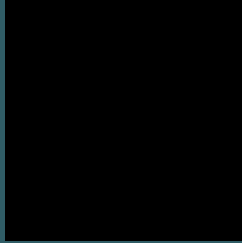
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

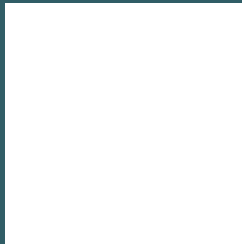
Any Text WCAG AAA × Fail

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

Hex 305D66 Background



This preview shows how black text looks on a background with the Hex color 305D66.

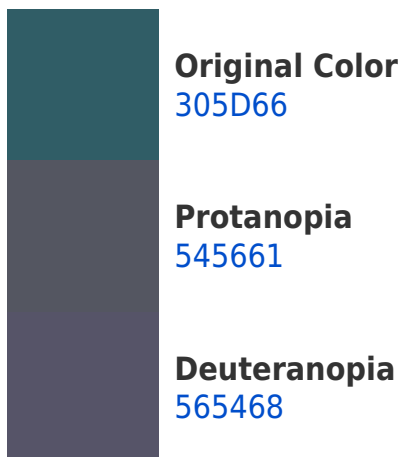



This preview shows how white text looks on a background with the Hex color 305D66.

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](#).

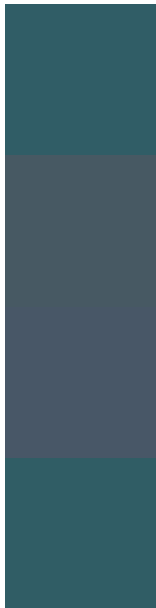
Dichromacy





Tritanopia
305D65

Trichromacy



Original Color
305D66

Protanomaly
475963

Deuteranomaly
485767

Tritanomaly
305D65

Monochromacy



Original Color
305D66

Achromatopsia
515151

Achromatomaly
455559

CSS Examples

Text

The CSS property to change the color of the text to Hex 305D66 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 #305D66 looks like.

```
.text, #text, p{  
    color:#305D66  
}
```

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 #305D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305D66
}
```

Border

The CSS property to change the border of an element to Hex 305D66 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
#305D66 }
```

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

```
.border{ border-color:#305D66 }
```

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

Here you see how a box with a 4 pixel #305D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305D66; -webkit-box-shadow:4px 4px  
4px 4px #305D66; box-shadow:4px 4px 4px  
4px #305D66 }
```

Background

The CSS property to change the background color of an element to Hex 305D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305D66 }
```

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

```
.background{ background-color:#305D66 }
```

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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