

Converting Colors

Hex(305279)

Have a look what the booklet for
Hex(305279) contains.

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Color

Hex(305279)

Conversions

Conversions Part 1

Format	Color
Hex	305279
RGB	48, 82, 121
RGB Percent	19%, 32%, 47%
CMY	0.8118, 0.6784, 0.5255
CMYK	0.60, 0.32, 0.00, 0.53
HSL	212°, 43%, 33%
HSV	212°, 60%, 47%
XYZ	7.6874, 8.0434, 19.2365
YIQ	76.2800, -32.7830, 4.9210

Conversions

Conversions Part 2

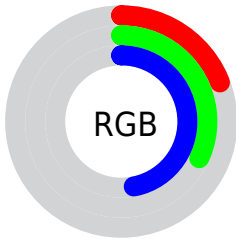
Format	Color
RYB	48, 71, 121
Decimal	3166841
CIELab	34.07, 0.40, -25.89
CIELCh	34, 25.894, 270.880
Yxy	8.0434, 0.2198, 0.2300
Android (android.graphics.Color)	4281356921 (0xFF305279)
YUV	76.2800, 22.0470, -24.8016
Hunter-Lab	28.3610, -1.2482, -20.3622

Details

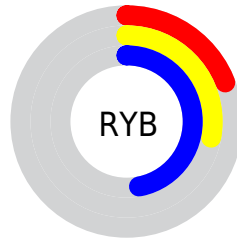
The Hex color **305279** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795730**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6483AE**, and **002648** is the 20% darker color. If you saturate the color by 10%, you get **244C79**, and if you desaturate by 10%, it is **3C5879**.

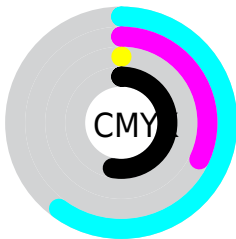
Distribution



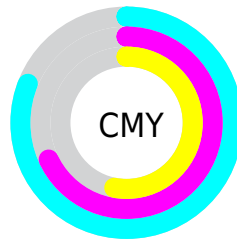
- Red (19%)
- Green (32%)
- Blue (47%)



- Red (19%)
- Yellow (28%)
- Blue (47%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305279 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 305279 by changing the saturation by 10% instead.



305279



305279

FFFFFF



133B60



6483AE



002648



7F9DC9



001131



9AB8E5



00021C



B6D4FF



000000



D2F0FF



FFFFFF



305279



305279



244C79



3C5879

■ 184579

■ 485F79

■ 0C3F79

■ 546579

■ 003879

■ 606C79

■ 6C7279

■ 797979

■ 857F79

■ 918679

■ 9D8C79

Harmonies

Analogous

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



005774



305279



534B73

Triad

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



305279



76423C



2E593B

Complementary

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



305279



795730

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.



47552C



305279



6D482D

Square

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



305279



763F50



5C4F26



035B50

Rectangle

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



305279



64456A



5C4F26



375835

Sweetspot

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



305279



828F9E



307957



3E464F



CFCFCF



4F4F4F

Same Dimension

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



305279



2C619E



323079



373A3D



003A7D



0076FC

Inverse Universe

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



793052



9E2C61



777930



3D373A



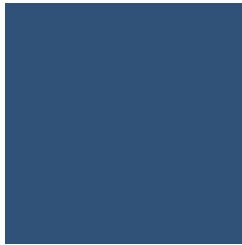
7D003A



FC0076

Previews

White Background



This preview shows how the Hex color 305279 looks on a white background.

Color Contrast Check

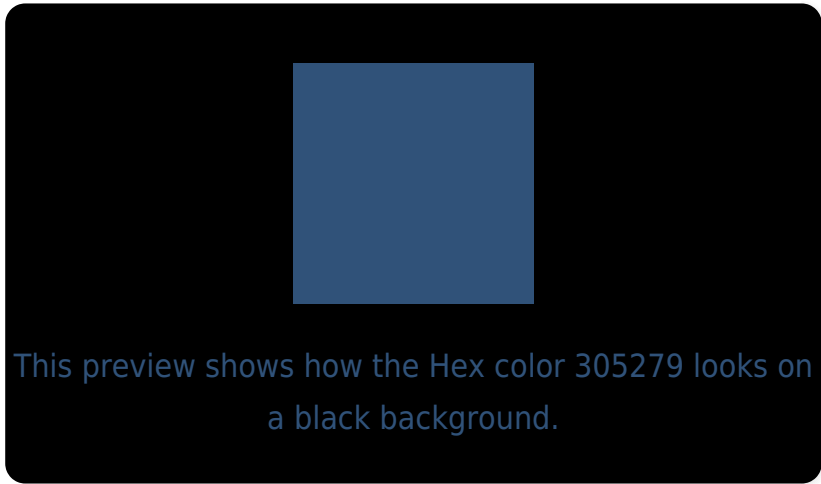
Large Text (above 18pt) WCAG AA ✓ Pass

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 305279 Background



This preview shows how black text looks on a background with the Hex color 305279.

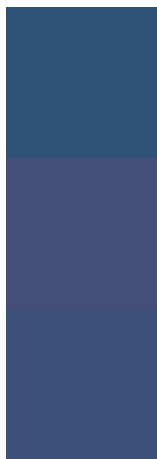


This preview shows how white text looks on a background with the Hex color 305279.

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
305279

Protanopia
434F76

Deuteranopia
3C507A

Trichromacy



Original Color
305279

Protanomaly
3C5077

Deuteranomaly
38517A

Tritanomaly
285568

Monochromacy



Original Color
305279

Achromatopsia
4C4C4C

Achromatomaly
424E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 305279 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 #305279 looks like.

```
.text, #text, p{  
    color:#305279  
}
```

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 #305279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305279
}
```

Border

The CSS property to change the border of an element to Hex 305279 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
#305279 }
```

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

```
.border{ border-color:#305279 }
```

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

Here you see how a box with a 4 pixel #305279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305279; -webkit-box-shadow:4px 4px  
4px 4px #305279; box-shadow:4px 4px 4px  
4px #305279 }
```

Background

The CSS property to change the background color of an element to Hex 305279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305279 }
```

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

```
.background{ background-color:#305279 }
```

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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