

Converting Colors

Hex(306279)

Have a look what the booklet for
Hex(306279) contains.

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Color

Hex(306279)

Conversions

Conversions Part 1

Format	Color
Hex	306279
RGB	48, 98, 121
RGB Percent	19%, 38%, 47%
CMY	0.8118, 0.6157, 0.5255
CMYK	0.60, 0.19, 0.00, 0.53
HSL	199°, 43%, 33%
HSV	199°, 60%, 47%
XYZ	9.0378, 10.7442, 19.6867
YIQ	85.6720, -37.1830, -3.4470

Conversions

Conversions Part 2

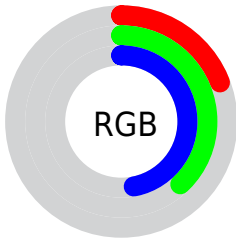
Format	Color
RYB	48, 78, 121
Decimal	3170937
CIELab	39.15, -9.48, -18.01
CIELCh	39, 20.357, 242.232
Yxy	10.7442, 0.2290, 0.2722
Android (android.graphics.Color)	4281361017 (0xFF306279)
YUV	85.6720, 17.4167, -33.0383
Hunter-Lab	32.7784, -8.1454, -12.6646




Details

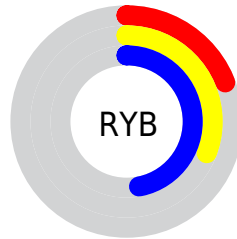
The Hex color **306279** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794730**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **6595AD**, and **003448** is the 20% darker color. If you saturate the color by 10%, you get **245E79**, and if you desaturate by 10%, it is **3C6679**.

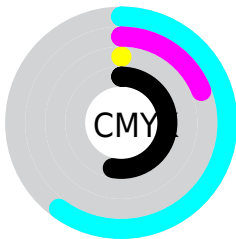
Distribution







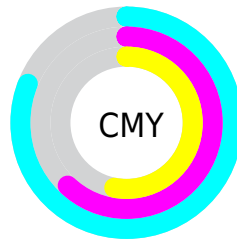
-  Red (19%)
-  Green (38%)
-  Blue (47%)






-  Red (19%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (60%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (81%)
-  Magenta (62%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306279 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 306279 by changing the saturation by 10% instead.



306279



306279

FFFFFF



124A60



6595AD



003448



80AFC9



001E32



9BCBE5



00021D



B7E7FF



000000



D3FFFF



F0FFFF



306279



306279



245E79



3C6679

■ 185A79

■ 486A79

■ 0C5779

■ 546D79

■ 005379

■ 607179

■ 6C7579

■ 797979

■ 857D79

■ 918079

■ 9D8479

Harmonies

Analogous

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



25656D



306279



485D7D

Triad

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



306279



7C505C



556040

Complementary

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



306279



794730

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.



665C3B



306279



7C514B

Square

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



306279



72526C



74563F



41644C

Rectangle

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



306279



58597B



74563F



5B5F3D

Sweetspot

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



306279



82959E



307946



3E4A4F



CFCFCF



4F4F4F

Same Dimension

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



306279



2C7A9E



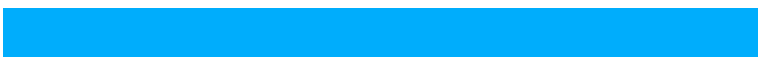
303F79



373B3D



00567D



00ADFC

Inverse Universe

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



793062



9E2C7A



796A30



3D373B



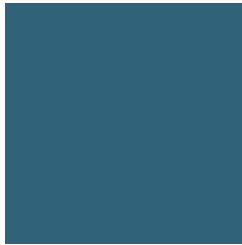
7D0056



FC00AD

Previews

White Background



This preview shows how the Hex color 306279 looks on a white background.

Color Contrast Check

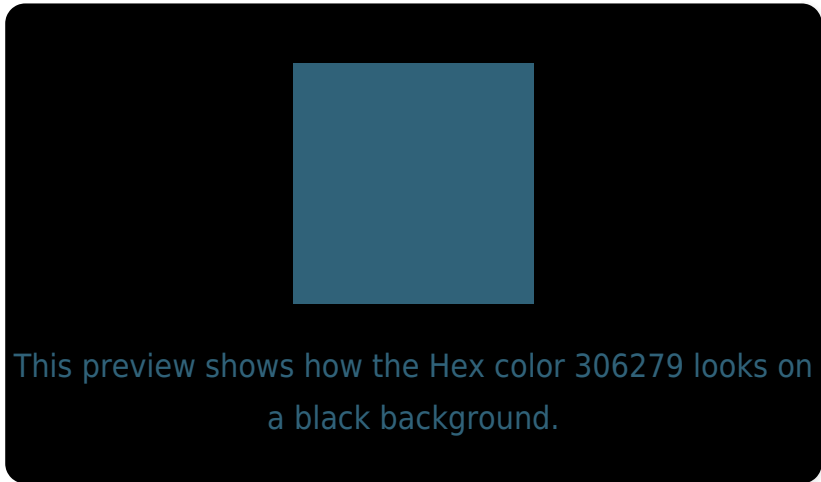
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

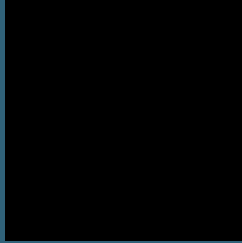
Any Text WCAG AA × Fail

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 306279 Background



This preview shows how black text looks on a background with the Hex color 306279.

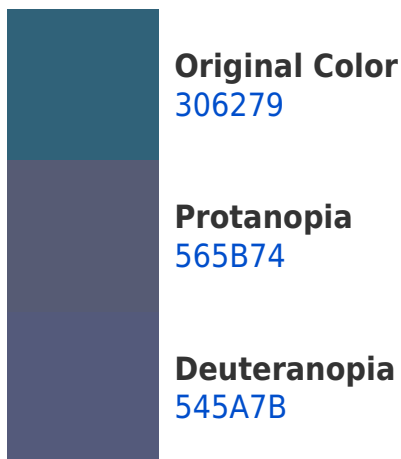



This preview shows how white text looks on a background with the Hex color 306279.

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](#).

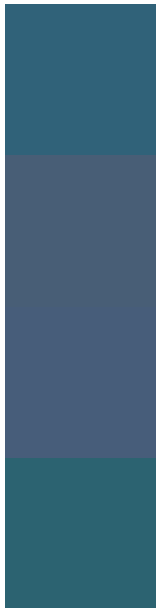
Dichromacy





Tritanopia
2A646C

Trichromacy



Original Color
306279

Protanomaly
485E76

Deuteranomaly
475D7A

Tritanomaly
2C6371

Monochromacy



Original Color
306279

Achromatopsia
565656

Achromatomaly
485A63

CSS Examples

Text

The CSS property to change the color of the text to Hex 306279 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 #306279 looks like.

```
.text, #text, p{  
    color:#306279  
}
```

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 #306279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306279
}
```

Border

The CSS property to change the border of an element to Hex 306279 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
#306279 }
```

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

```
.border{ border-color:#306279 }
```

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

Here you see how a box with a 4 pixel #306279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306279; -webkit-box-shadow:4px 4px  
4px 4px #306279; box-shadow:4px 4px 4px  
4px #306279 }
```

Background

The CSS property to change the background color of an element to Hex 306279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306279 }
```

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

```
.background{ background-color:#306279 }
```

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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