

Converting Colors

Hex(306271)

Have a look what the booklet for
Hex(306271) contains.

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Color

Hex(306271)

Conversions

Conversions Part 1

Format	Color
Hex	306271
RGB	48, 98, 113
RGB Percent	19%, 38%, 44%
CMY	0.8118, 0.6157, 0.5569
CMYK	0.58, 0.13, 0.00, 0.56
HSL	194°, 40%, 32%
HSV	194°, 58%, 44%
XYZ	8.5672, 10.5560, 17.2088
YIQ	84.7600, -34.6150, -5.9350

Conversions

Conversions Part 2

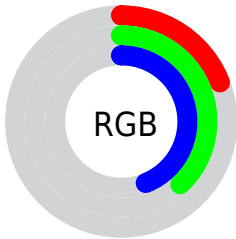
Format	Color
RYB	48, 76, 113
Decimal	3170929
CIELab	38.82, -12.12, -13.61
CIElCh	39, 18.226, 228.320
Yxy	10.5560, 0.2358, 0.2905
Android (android.graphics.Color)	4281361009 (0xFF306271)
YUV	84.7600, 13.9223, -32.2385
Hunter-Lab	32.4900, -9.7891, -8.6607

Details

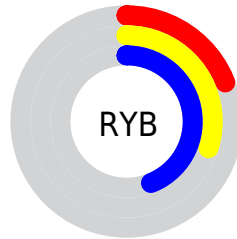
The Hex color **306271** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713F30**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6495A5**, and **003341** is the 20% darker color. If you saturate the color by 10%, you get **255F71**, and if you desaturate by 10%, it is **3B6571**.

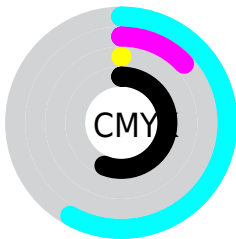
Distribution



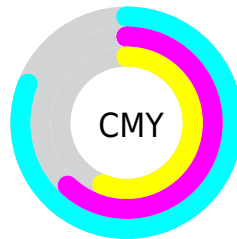
- Red (19%)
- Green (38%)
- Blue (44%)



- Red (19%)
- Yellow (30%)
- Blue (44%)



- Cyan (58%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (81%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306271 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 306271 by changing the saturation by 10% instead.

■ 306271

■ 306271

FFFFFF

■ 134A59

■ 6495A5

■ 003341

■ 7EAFC0

■ 001E2B

■ 99CBDC

■ 000117

■ B5E7F8

■ 000000

■ D1FFFF

■ EEEFFF

■ 306271

■ 306271

■ 255F71

■ 3B6571

■ 195D71

■ 476771

■ 0E5A71

■ 526A71

■ 035871

■ 5D6C71

■ 005771

■ 696F71

■ 747271

■ 7F7471

■ 8A7771

■ 967971

Harmonies

Analogous

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



2F6464



306271



405F78

Triad

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



306271



755162



5D5D3F

Complementary

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



306271



713F30

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.



6B583F



306271



795153

Square

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



306271



69556F



765446



4C6147

Rectangle

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



306271



4E5B78



765446



625C3E

Sweetspot

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



306271



7B8E94



30713E



3B474A



C9C9C9



4A4A4A

Same Dimension

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



306271



2E7C94



304271



323738



005C78



00BEF7

Inverse Universe

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



713062



942E7C



715F30



383237



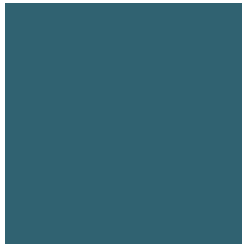
78005C



F700BE

Previews

White Background



This preview shows how the Hex color 306271 looks on a white background.

Color Contrast Check

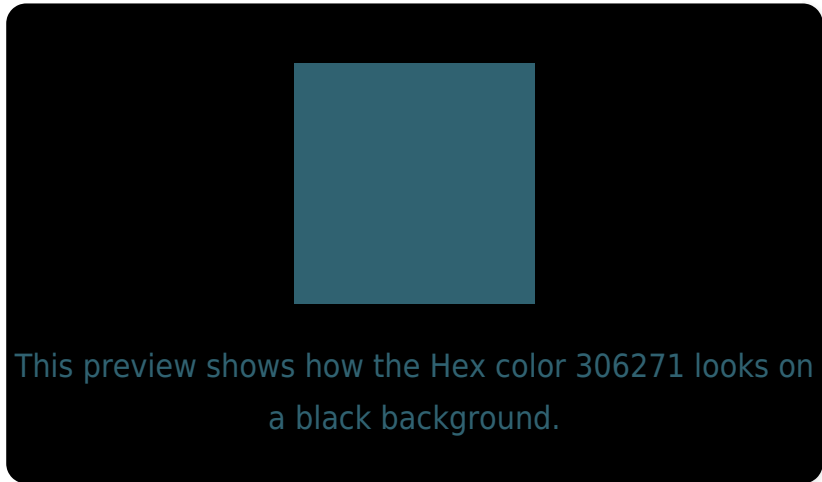
Large Text (above 18pt) WCAG AA ✓ Pass

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

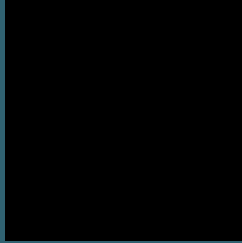
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

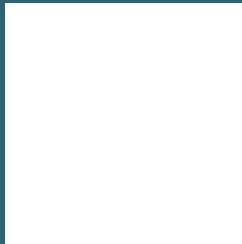
Any Text WCAG AAA × Fail

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

Hex 306271 Background



This preview shows how black text looks on a background with the Hex color 306271.

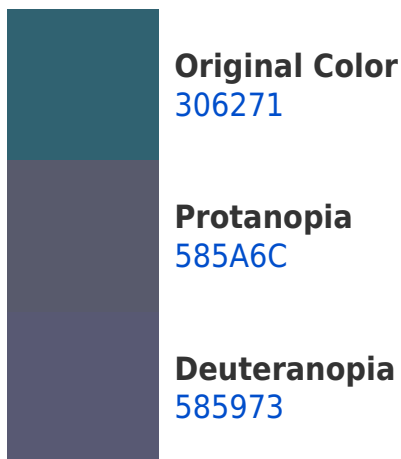


This preview shows how white text looks on a background with the Hex color 306271.

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](#).

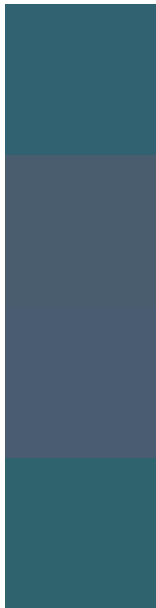
Dichromacy





Tritanopia
2E636B

Trichromacy



Original Color
306271

Protanomaly
495D6E

Deuteranomaly
495C72

Tritanomaly
2F636D

Monochromacy



Original Color
306271

Achromatopsia
555555

Achromatomaly
485A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 306271 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 #306271 looks like.

```
.text, #text, p{  
    color:#306271  
}
```

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 #306271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306271
}
```

Border

The CSS property to change the border of an element to Hex 306271 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
#306271 }
```

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

```
.border{ border-color:#306271 }
```

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

Here you see how a box with a 4 pixel #306271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306271; -webkit-box-shadow:4px 4px  
4px 4px #306271; box-shadow:4px 4px 4px  
4px #306271 }
```

Background

The CSS property to change the background color of an element to Hex 306271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306271 }
```

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

```
.background{ background-color:#306271 }
```

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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