

Converting Colors

Hex(306968)

Have a look what the booklet for
Hex(306968) contains.

Hex(306968)	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(306968)

Conversions

Conversions Part 1

Format	Color
Hex	306968
RGB	48, 105, 104
RGB Percent	19%, 41%, 41%
CMY	0.8118, 0.5882, 0.5922
CMYK	0.54, 0.00, 0.01, 0.59
HSL	179°, 37%, 30%
HSV	179°, 54%, 41%
XYZ	8.7692, 11.7310, 14.8988
YIQ	87.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

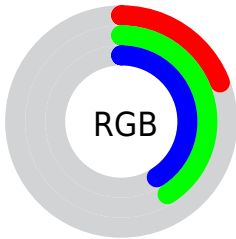
Format	Color
RYB	48, 77, 105
Decimal	3172712
CIELab	40.79, -18.83, -5.16
CIELCh	41, 19.526, 195.309
Yxy	11.7310, 0.2477, 0.3314
Android (android.graphics.Color)	4281362792 (0xFF306968)
YUV	87.8430, 7.9654, -34.9423
Hunter-Lab	34.2506, -14.2370, -1.8155

Details

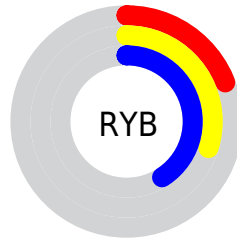
The Hex color **306968** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693031**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **649C9B**, and **003939** is the 20% darker color. If you saturate the color by 10%, you get **266968**, and if you desaturate by 10%, it is **3B6968**.

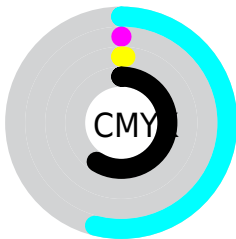
Distribution



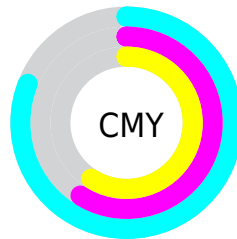
- Red (19%)
- Green (41%)
- Blue (41%)



- Red (19%)
- Yellow (30%)
- Blue (41%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 306968 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 306968 by changing the saturation by 10% instead.



306968



306968

FFFFFF



145150



649C9B



003939



7EB7B6



002424



99D3D1



00060F



B5F0EE



000000



D1FFFF



EEFFFF



306968



306968



266968



3B6968

■ 1B6968

■ 456968

■ 116967

■ 4F6969

■ 066967

■ 5A6969

■ 006967

■ 656969

■ 6F6969

■ 796969

■ 846969

■ 8F696A

Harmonies

Analogous

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



3F6858



306968



2F6876

Triad

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



306968



6D5977



735C41

Complementary

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



306968



693031

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.



7D574A



306968



7B5569

Square

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



306968



575F7F



805458



636241

Rectangle

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



306968



39657D



805458



775B44

Sweetspot

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



306968



748A89



326930



384545



C4C4C4



454545

Same Dimension

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



306968



308A88



304E69



303635



007573



00F5F1

Inverse Universe

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



693031



8A3032



694B30



363030



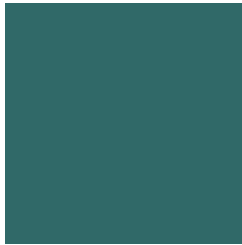
750002



F50004

Previews

White Background



This preview shows how the Hex color 306968 looks on a white background.

Color Contrast Check

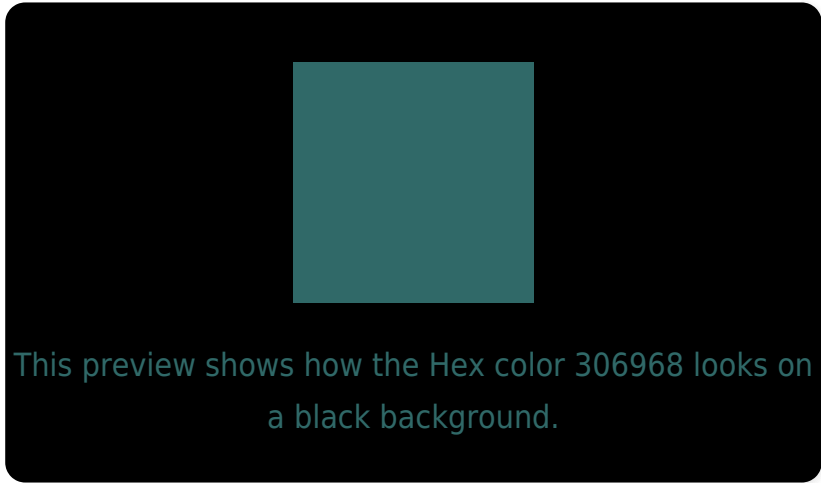
Large Text (above 18pt) WCAG AA ✓ Pass

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

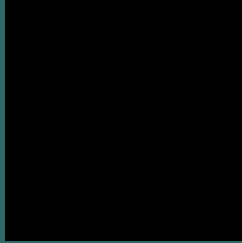
Any Text WCAG AA × Fail

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 306968 Background



This preview shows how black text looks on a background with the Hex color 306968.

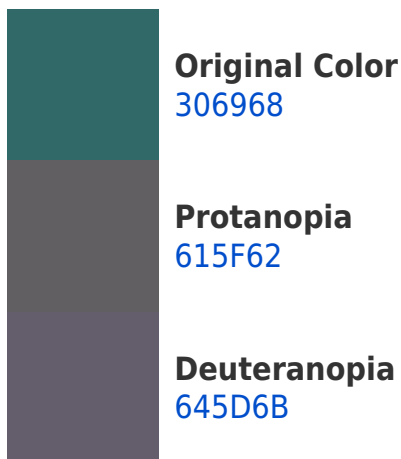


This preview shows how white text looks on a background with the Hex color 306968.

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](#).

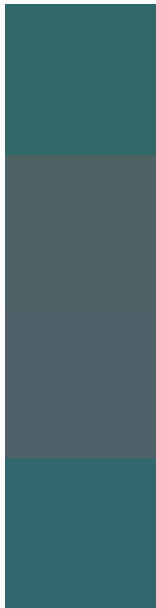
Dichromacy





Tritanopia
336870

Trichromacy



Original Color
306968

Protanomaly
4F6364

Deuteranomaly
51616A

Tritanomaly
32686D

Monochromacy



Original Color
306968

Achromatopsia
585858

Achromatomaly
495E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 306968 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 #306968 looks like.

```
.text, #text, p{  
    color:#306968  
}
```

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 #306968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306968  
}
```

Border

The CSS property to change the border of an element to Hex 306968 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  
#306968 }
```

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

```
.border{ border-color:#306968 }
```

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

Here you see how a box with a 4 pixel #306968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306968; -webkit-box-shadow:4px 4px  
4px 4px #306968; box-shadow:4px 4px 4px  
4px #306968 }
```

Background

The CSS property to change the background color of an element to Hex 306968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306968 }
```

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

```
.background{ background-color:#306968 }
```

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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