

Converting Colors

Hex(306969)

Have a look what the booklet for
Hex(306969) contains.

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Color

Hex(306969)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 306969 |
| RGB | 48, 105, 105 |
| RGB Percent | 19%, 41%, 41% |
| CMY | 0.8118, 0.5882, 0.5882 |
| CMYK | 0.54, 0.00, 0.00, 0.59 |
| HSL | 180°, 37%, 30% |
| HSV | 180°, 54%, 41% |
| XYZ | 8.8203, 11.7514, 15.1680 |
| YIQ | 87.9570, -33.9720, -12.0840 |

Conversions

Conversions Part 2

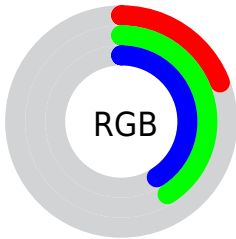
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 48, 77, 105 |
| Decimal | 3172713 |
| CIELab | 40.82, -18.54, -5.72 |
| CIELCh | 41, 19.398, 197.135 |
| Yxy | 11.7514, 0.2468, 0.3288 |
| Android (android.graphics.Color) | 4281362793 (0xFF306969) |
| YUV | 87.9570, 8.4022, -35.0423 |
| Hunter-Lab | 34.2804, -14.0628, -2.2377 |

Details

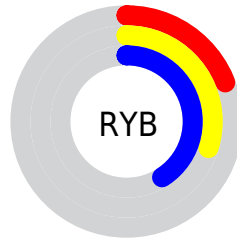
The Hex color **306969** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693030**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **649C9C**, and **00393A** is the 20% darker color. If you saturate the color by 10%, you get **266969**, and if you desaturate by 10%, it is **3B6969**.

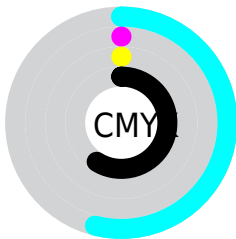
Distribution



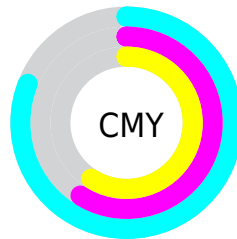
- Red (19%)
- Green (41%)
- Blue (41%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 306969 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 306969 by changing the saturation by 10% instead.



306969



306969

FFFFFF



145151



649C9C



00393A



7EB7B7



002424



99D3D3



000610



B5F0EF



000000



D1FFFF



EEFFFF



306969



306969



266969



3B6969

■ 1B6969

■ 456969

■ 116969

■ 4F6969

■ 066969

■ 5A6969

■ 006969

■ 656969

■ 6F6969

■ 796969

■ 846969

■ 8F6969

Harmonies

Analogous

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



3E6959



306969



306777

Triad

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



306969



6E5976



725D41

Complementary

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



306969



693030

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.



7C584A



306969



7B5568

Square

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



306969



595F7E



805558



626242

Rectangle

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



306969



3B657D



805558



765B43

Sweetspot

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



306969



748A8A



306930



384545



C4C4C4



454545

Same Dimension

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



306969



308A8A



304D69



303636



007575



00F5F5

Inverse Universe

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



693069



8A308A



694D30



363036



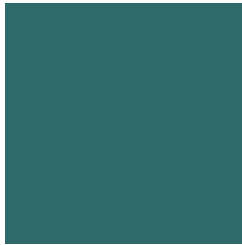
750075



F500F5

Previews

White Background



This preview shows how the Hex color 306969 looks on a white background.

Color Contrast Check

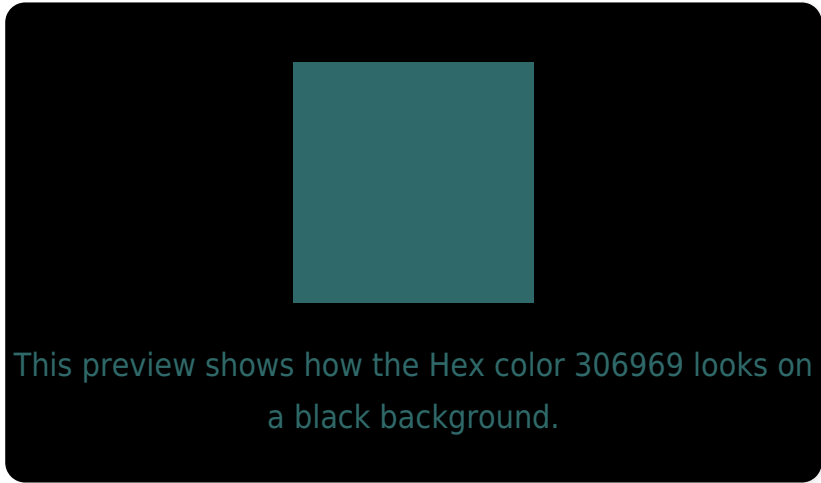
Large Text (above 18pt) WCAG AA ✓ Pass

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

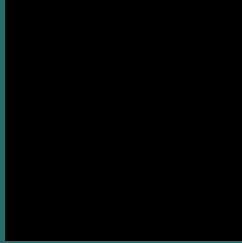
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

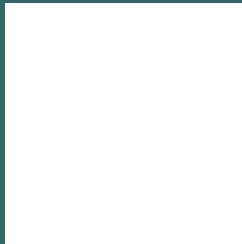
Any Text WCAG AAA × Fail

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

Hex 306969 Background



This preview shows how black text looks on a background with the Hex color 306969.

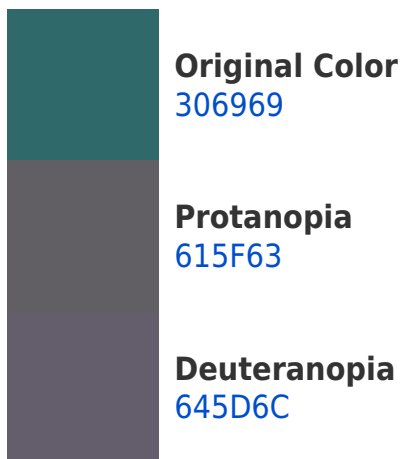


This preview shows how white text looks on a background with the Hex color 306969.

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](#).

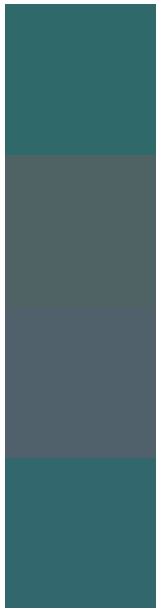
Dichromacy





Tritanopia
336870

Trichromacy



Original Color
306969

Protanomaly
4F6365

Deuteranomaly
51616B

Tritanomaly
32686D

Monochromacy



Original Color
306969

Achromatopsia
585858

Achromatomaly
495E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 306969 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 #306969 looks like.

```
.text, #text, p{  
    color:#306969  
}
```

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 #306969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306969
}
```

Border

The CSS property to change the border of an element to Hex 306969 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
#306969 }
```

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

```
.border{ border-color:#306969 }
```

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

Here you see how a box with a 4 pixel #306969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306969; -webkit-box-shadow:4px 4px  
4px 4px #306969; box-shadow:4px 4px 4px  
4px #306969 }
```

Background

The CSS property to change the background color of an element to Hex 306969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306969 }
```

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

```
.background{ background-color:#306969 }
```

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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