

Converting Colors

Hex(306960)

Have a look what the booklet for
Hex(306960) contains.

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Color

Hex(306960)

Conversions

Conversions Part 1

Format	Color
Hex	306960
RGB	48, 105, 96
RGB Percent	19%, 41%, 38%
CMY	0.8118, 0.5882, 0.6235
CMYK	0.54, 0.00, 0.09, 0.59
HSL	171°, 37%, 30%
HSV	171°, 54%, 41%
XYZ	8.3818, 11.5761, 12.8590
YIQ	86.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

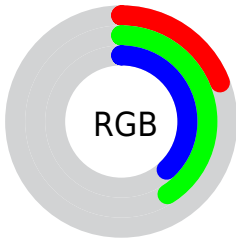
Format	Color
RYB	48, 79, 105
Decimal	3172704
CIELab	40.53, -21.13, -0.65
CIELCh	41, 21.137, 181.767
Yxy	11.5761, 0.2554, 0.3527
Android (android.graphics.Color)	4281362784 (0xFF306960)
YUV	86.9310, 4.4710, -34.1425
Hunter-Lab	34.0236, -15.5673, 1.4083

Details

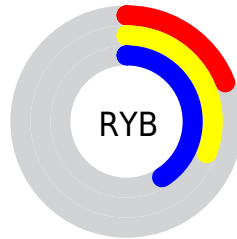
The Hex color **306960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693039**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **639D92**, and **003932** is the 20% darker color. If you saturate the color by 10%, you get **26695E**, and if you desaturate by 10%, it is **3B6962**.

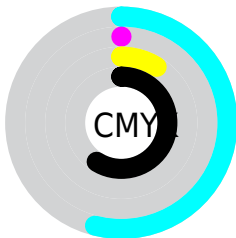
Distribution



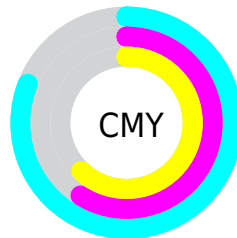
- Red (19%)
- Green (41%)
- Blue (38%)



- Red (19%)
- Yellow (31%)
- Blue (41%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (59%)



- Cyan (81%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306960 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 306960 by changing the saturation by 10% instead.



306960



306960

FFFFFF



155148



639D92



003932



7EB8AD



00241D



98D3C8



000403



B4F0E4



000000



D0FFFF



EDFFFF



306960



306960



26695E



3B6962

■ 1B695D

■ 456963

■ 11695B

■ 4F6965

■ 066959

■ 5A6967

■ 006958

■ 656968

■ 6F696A

■ 79696C

■ 84696D

■ 8F696F

Harmonies

Analogous

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



44674F



306960



256871

Triad

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



306960



635B7D



795942

Complementary

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



306960



693039

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.



81544E



306960



765570

Square

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



306960



4A6182



81535F



6A5F3D

Rectangle

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



306960



2A677A



81535F



7C5745

Sweetspot

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



306960



748A86



396930



384543



C4C4C4



454545

Same Dimension

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



306960



308A7C



305669



303635



007563



00F5CE

Inverse Universe

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



693039



8A303E



694330



363031



750013



F50027

Previews

White Background



This preview shows how the Hex color 306960 looks on a white background.

Color Contrast Check

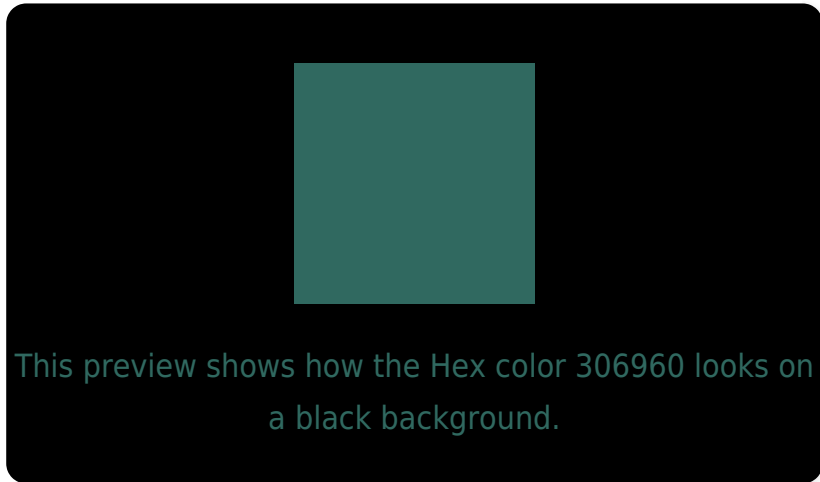
Large Text (above 18pt) WCAG AA ✓ Pass

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

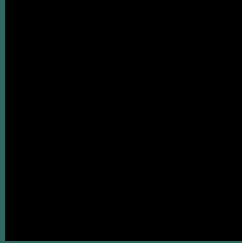
Any Text WCAG AA × Fail

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 306960 Background



This preview shows how black text looks on a background with the Hex color 306960.



This preview shows how white text looks on a background with the Hex color 306960.

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
306960

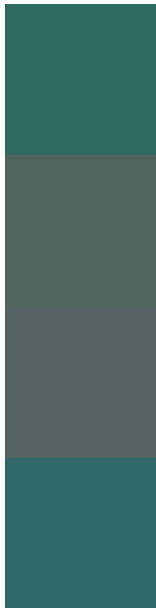
Protanopia
625F5A

Deuteranopia
675C63



Tritanopia
35676F

Trichromacy



Original Color
306960

Protanomaly
50635C

Deuteranomaly
536162

Tritanomaly
33686A

Monochromacy



Original Color
306960

Achromatopsia
575757

Achromatomaly
495E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 306960 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 #306960 looks like.

```
.text, #text, p{  
    color:#306960  
}
```

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 #306960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306960
}
```

Border

The CSS property to change the border of an element to Hex 306960 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
#306960 }
```

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

```
.border{ border-color:#306960 }
```

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

Here you see how a box with a 4 pixel #306960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306960; -webkit-box-shadow:4px 4px  
4px 4px #306960; box-shadow:4px 4px 4px  
4px #306960 }
```

Background

The CSS property to change the background color of an element to Hex 306960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306960 }
```

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

```
.background{ background-color:#306960 }
```

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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