

Converting Colors

Hex(306F5B)

Have a look what the booklet for
Hex(306F5B) contains.

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Color

Hex(306F5B)

Conversions

Conversions Part 1

Format	Color
Hex	306F5B
RGB	48, 111, 91
RGB Percent	19%, 44%, 36%
CMY	0.8118, 0.5647, 0.6431
CMYK	0.57, 0.00, 0.18, 0.56
HSL	161°, 40%, 31%
HSV	161°, 57%, 44%
XYZ	8.7917, 12.7526, 11.8957
YIQ	89.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

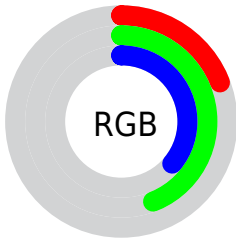
Format	Color
RYB	48, 85, 111
Decimal	3174235
CIELab	42.39, -25.55, 5.06
CIElCh	42, 26.044, 168.800
Yxy	12.7526, 0.2629, 0.3814
Android (android.graphics.Color)	4281364315 (0xFF306F5B)
YUV	89.8830, 0.5507, -36.7314
Hunter-Lab	35.7108, -18.5486, 5.2474

Details

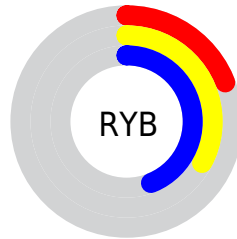
The Hex color **306F5B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F3044**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **64A38D**, and **003F2D** is the 20% darker color. If you saturate the color by 10%, you get **256F57**, and if you desaturate by 10%, it is **3B6F5F**.

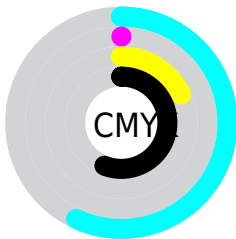
Distribution



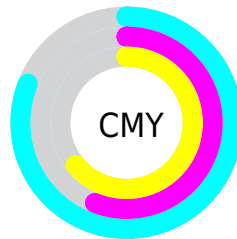
- Red (19%)
- Green (44%)
- Blue (36%)



- Red (19%)
- Yellow (33%)
- Blue (44%)



- Cyan (57%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (81%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306F5B 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 306F5B by changing the saturation by 10% instead.

 306F5B

 306F5B

FFFFFF

 145644

 64A38D

 003F2D

 7EBAE7

 002819

 99DAC3

 000F00

 B5F7DF

 000000

 D1FFFB

 EEEFFF

 306F5B

 306F5B

 256F57

 3B6F5F

■ 1A6F54

■ 466F62

■ 0F6F50

■ 516F66

■ 046F4D

■ 5C6F69

■ 006F4C

■ 686F6D

■ 736F70

■ 7E6F74

■ 896F77

■ 946F7B

Harmonies

Analogous

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



4C6C47



306F5B



0E6F71

Triad

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



306F5B



5B618D



885945

Complementary

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



306F5B



6F3044

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.



8E5457



306F5B



775A81

Square

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



306F5B



36698E



89546D



79603A

Rectangle

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



306F5B



026E7E



89546D



8B574A

Sweetspot

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



306F5B



79918A



456F30



3B4A45



C9C9C9



4A4A4A

Same Dimension

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



306F5B



2F9172



30646F



323836



007852



00F7A9

Inverse Universe

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



6F3044



912F4E



6F3B30



383234



780026



F7004F

Previews

White Background



This preview shows how the Hex color 306F5B looks on a white background.

Color Contrast Check

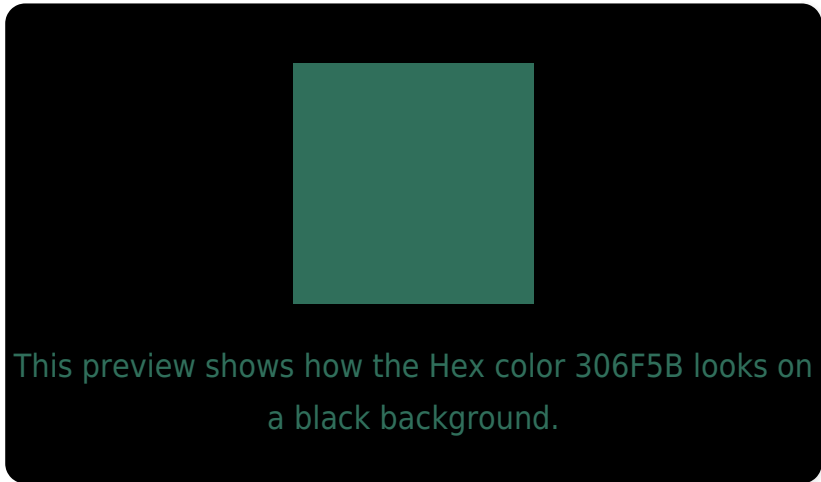
Large Text (above 18pt) WCAG AA ✓ Pass

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

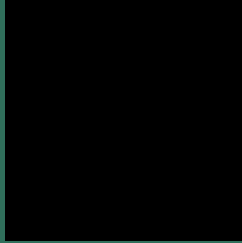
Any Text WCAG AA × Fail

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 306F5B Background



This preview shows how black text looks on a background with the Hex color 306F5B.

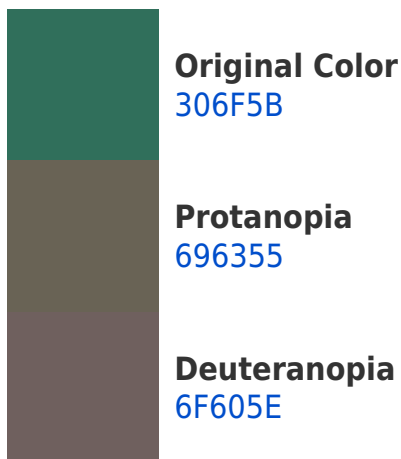



This preview shows how white text looks on a background with the Hex color 306F5B.

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
386C74

Trichromacy



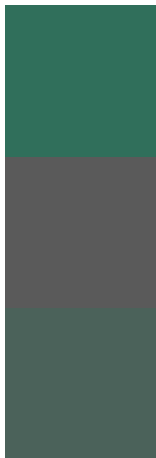
Original Color
306F5B

Protanomaly
546757

Deuteranomaly
58655D

Tritanomaly
356D6B

Monochromacy



Original Color
306F5B

Achromatopsia
5A5A5A

Achromatomaly
4B625A

CSS Examples

Text

The CSS property to change the color of the text to Hex 306F5B 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 #306F5B looks like.

```
.text, #text, p{  
    color:#306F5B  
}
```

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 #306F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306F5B  
}
```

Border

The CSS property to change the border of an element to Hex 306F5B 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  
#306F5B }
```

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

```
.border{ border-color:#306F5B }
```

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

Here you see how a box with a 4 pixel #306F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306F5B; -webkit-box-shadow:4px 4px  
4px 4px #306F5B; box-shadow:4px 4px 4px  
4px #306F5B }
```

Background

The CSS property to change the background color of an element to Hex 306F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306F5B }
```

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

```
.background{ background-color:#306F5B }
```

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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