

Converting Colors

Hex(306C84)

Have a look what the booklet for
Hex(306C84) contains.

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Color

Hex(306C84)

Conversions

Conversions Part 1

Format	Color
Hex	306C84
RGB	48, 108, 132
RGB Percent	19%, 42%, 52%
CMY	0.8118, 0.5765, 0.4824
CMYK	0.64, 0.18, 0.00, 0.48
HSL	197°, 47%, 35%
HSV	197°, 64%, 52%
XYZ	10.7463, 13.0194, 23.7764
YIQ	92.7960, -43.4640, -5.2560

Conversions

Conversions Part 2

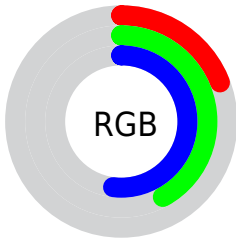
Format	Color
RYB	48, 83, 132
Decimal	3173508
CIELab	42.79, -11.64, -19.07
CIELCh	43, 22.343, 238.598
Yxy	13.0194, 0.2260, 0.2739
Android (android.graphics.Color)	4281363588 (0xFF306C84)
YUV	92.7960, 19.3276, -39.2861
Hunter-Lab	36.0825, -9.9821, -13.8112

Details

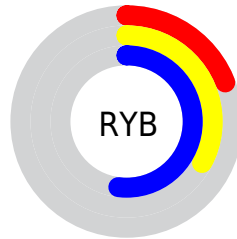
The Hex color **306C84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **844830**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **679FB9**, and **003D52** is the 20% darker color. If you saturate the color by 10%, you get **236884**, and if you desaturate by 10%, it is **3D7084**.

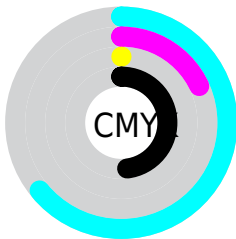
Distribution



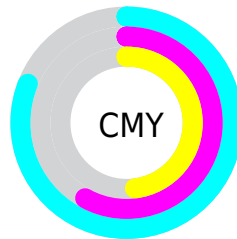
- Red (19%)
- Green (42%)
- Blue (52%)



- Red (19%)
- Yellow (33%)
- Blue (52%)



- Cyan (64%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (81%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306C84 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 306C84 by changing the saturation by 10% instead.

■ 306C84

■ 306C84

FFFFFF

■ 0E546B

■ 679FB9

■ 003D52

■ 82BAD5

■ 00273B

■ 9ED6F1

■ 001326

■ BAF3FF

■ 00010F

■ D6FFFF

■ 000000

■ F4FFFF

■ 306C84

■ 306C84

■ 236884

■ 3D7084

■ 166484

■ 4A7484

■ 086184

■ 587784

■ 005E84

■ 657B84

■ 727F84

■ 7F8384

■ 8C8684

■ 9A8A84

■ A78E84

Harmonies

Analogous

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



266F76



306C84



4B678A

Triad

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



306C84



885767



5F6944

Complementary

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



306C84



844830

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.



736440



306C84



895854

Square

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



306C84



7C5A79



815D46



4A6D51

Rectangle

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



306C84



5E6388



815D46



666842

Sweetspot

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



306C84



8AA2AB



308448



435157



D6D6D6



575757

Same Dimension

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



306C84



2986AB



304284



3C4042



005D82



000203

Inverse Universe

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



84306C



AB2986



847230



423C40



82005D



030002

Previews

White Background



This preview shows how the Hex color 306C84 looks on a white background.

Color Contrast Check

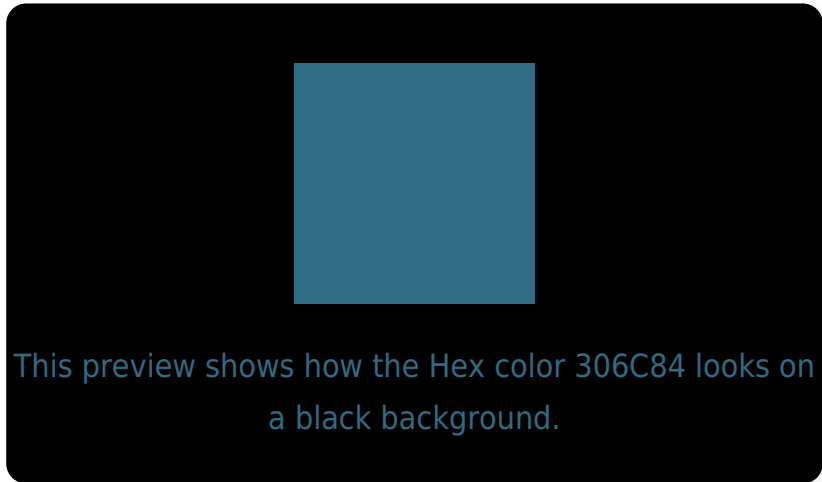
Large Text (above 18pt) WCAG AA ✓ Pass

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

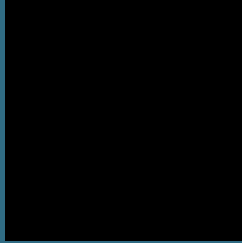
Any Text WCAG AA × Fail

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 306C84 Background



This preview shows how black text looks on a background with the Hex color 306C84.

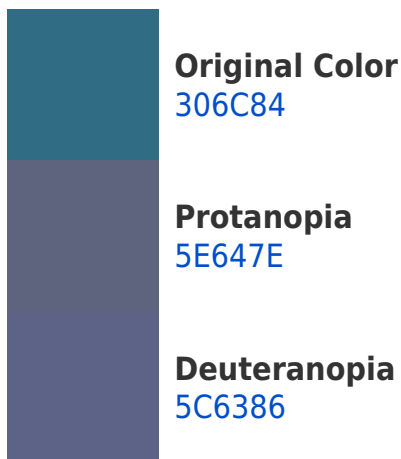


This preview shows how white text looks on a background with the Hex color 306C84.

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](#).

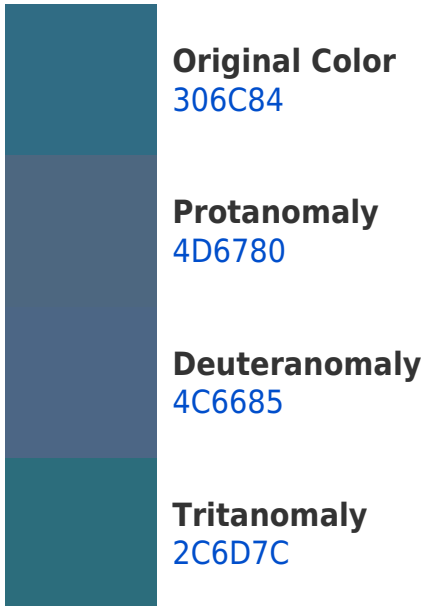
Dichromacy





Tritanopia
2A6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 306C84 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 #306C84 looks like.

```
.text, #text, p{  
    color:#306C84  
}
```

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 #306C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306C84
}
```

Border

The CSS property to change the border of an element to Hex 306C84 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
#306C84 }
```

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

```
.border{ border-color:#306C84 }
```

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

Here you see how a box with a 4 pixel #306C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306C84; -webkit-box-shadow:4px 4px  
4px 4px #306C84; box-shadow:4px 4px 4px  
4px #306C84 }
```

Background

The CSS property to change the background color of an element to Hex 306C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306C84 }
```

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

```
.background{ background-color:#306C84 }
```

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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