

Converting Colors

Hex(30806F)

Have a look what the booklet for
Hex(30806F) contains.

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Color

Hex(30806F)

Conversions

Conversions Part 1

Format	Color
Hex	30806F
RGB	48, 128, 111
RGB Percent	19%, 50%, 44%
CMY	0.8118, 0.4980, 0.5647
CMYK	0.62, 0.00, 0.13, 0.50
HSL	167°, 45%, 35%
HSV	167°, 62%, 50%
XYZ	11.8073, 17.2144, 17.7393
YIQ	102.1420, -42.2230, -22.2470

Conversions

Conversions Part 2

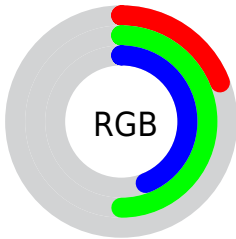
Format	Color
RYB	48, 93, 128
Decimal	3178607
CIELab	48.53, -28.66, 2.02
CIElCh	49, 28.731, 175.961
Yxy	17.2144, 0.2525, 0.3681
Android (android.graphics.Color)	4281368687 (0xFF30806F)
YUV	102.1420, 4.3670, -47.4825
Hunter-Lab	41.4903, -21.8103, 3.6935

Details

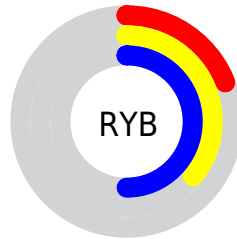
The Hex color **30806F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **803041**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **67B5A3**, and **004E3F** is the 20% darker color. If you saturate the color by 10%, you get **23806C**, and if you desaturate by 10%, it is **3D8072**.

Distribution



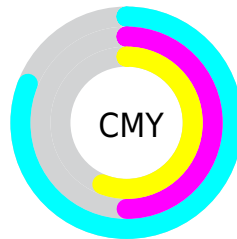
- Red (19%)
- Green (50%)
- Blue (44%)



- Red (19%)
- Yellow (36%)
- Blue (50%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (81%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30806F 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 30806F by changing the saturation by 10% instead.



30806F



30806F

FFFFFF



0D6757



67B5A3



004E3F



82D1BE



00372A



9EEED9



002215



BAFFF6



000000



D7FFF



F4FFFF



30806F



30806F



23806C



3D8072

■ 16806A

■ 4A8074

■ 0A8067

■ 568077

■ 008065

■ 63807A

■ 70807D

■ 7D807F

■ 8A8082

■ 968085

■ A38087

Harmonies

Analogous

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



517D57



30806F



088088

Triad

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



30806F



716E9F



99684C

Complementary

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



30806F



803041

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.



A2625F



30806F



8F668F

Square

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



30806F



4A77A3



9F6178



867142

Rectangle

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



30806F



0C7E95



9F6178



9D6651

Sweetspot

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



30806F



86A69F



418030



415450



D4D4D4



545454

Same Dimension

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



30806F



29A68B



306980



39403E



008064



000000

Inverse Universe

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



803041



A62944



804730



40393B



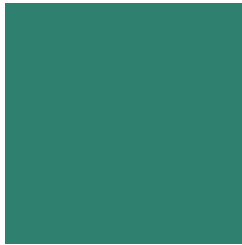
80001B



000000

Previews

White Background



This preview shows how the Hex color 30806F looks on a white background.

Color Contrast Check

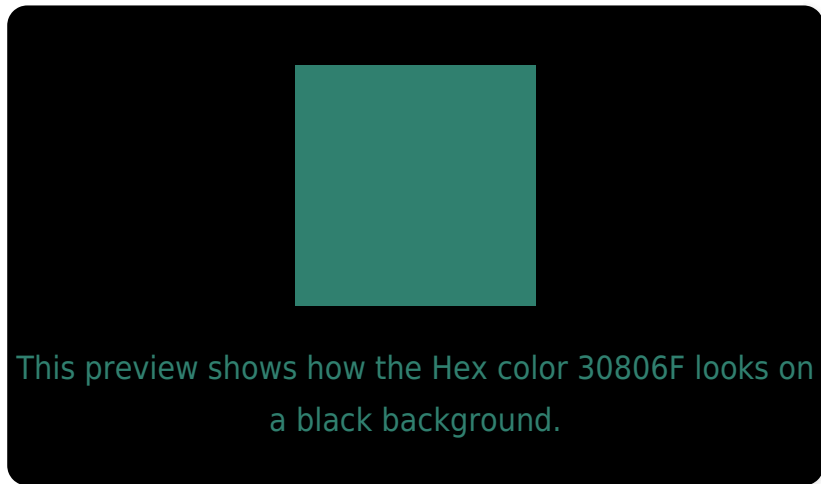
Large Text (above 18pt) WCAG AA ✓ Pass

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

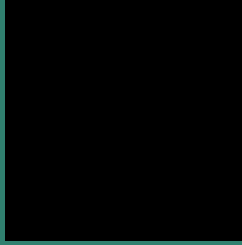
Any Text WCAG AA × Fail

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 30806F Background



This preview shows how black text looks on a background with the Hex color 30806F.

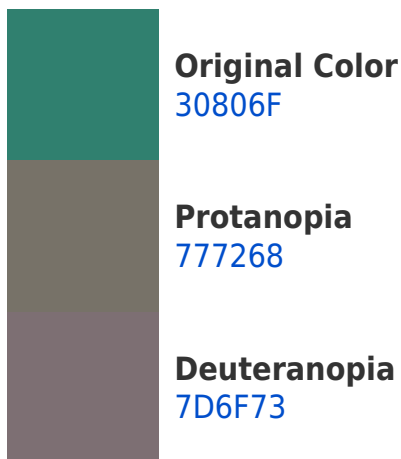



This preview shows how white text looks on a background with the Hex color 30806F.

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
3A7D87

Trichromacy



Original Color
30806F

Protanomaly
5D776B

Deuteranomaly
617572

Tritanomaly
367E7E

Monochromacy



Original Color
30806F

Achromatopsia
666666

Achromatomaly
526F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 30806F 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 #30806F looks like.

```
.text, #text, p{  
    color:#30806F  
}
```

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 #30806F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30806F
}
```

Border

The CSS property to change the border of an element to Hex 30806F 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
#30806F }
```

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

```
.border{ border-color:#30806F }
```

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

Here you see how a box with a 4 pixel #30806F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30806F; -webkit-box-shadow:4px 4px  
4px 4px #30806F; box-shadow:4px 4px 4px  
4px #30806F }
```

Background

The CSS property to change the background color of an element to Hex 30806F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30806F }
```

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

```
.background{ background-color:#30806F }
```

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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