

# Converting Colors

Hex(3D906F)

Have a look what the booklet for  
Hex(3D906F) contains.

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**Color**

**Hex(3D906F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D906F
RGB	61, 144, 111
RGB Percent	24%, 56%, 44%
CMY	0.7608, 0.4353, 0.5647
CMYK	0.58, 0.00, 0.23, 0.44
HSL	156°, 40%, 40%
HSV	156°, 58%, 56%
XYZ	14.7670, 22.0863, 18.5237
YIQ	115.4210, -38.8750, -27.8590

# Conversions

## Conversions Part 2

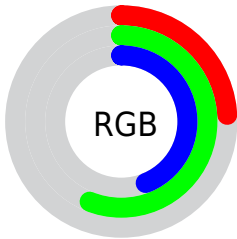
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 113, 144
Decimal	4034671
CIELab	54.12, -33.44, 10.07
CIELCh	54, 34.924, 163.235
Yxy	22.0863, 0.2667, 0.3988
Android (android.graphics.Color)	4282224751 (0xFF3D906F)
YUV	115.4210, -2.1796, -47.7272
Hunter-Lab	46.9961, -26.1554, 9.5278

# Details

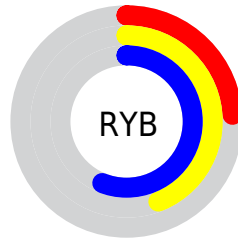
The Hex color **3D906F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **903D5E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **74C6A3**, and **005D3F** is the 20% darker color. If you saturate the color by 10%, you get **2F9069**, and if you desaturate by 10%, it is **4B9075**.

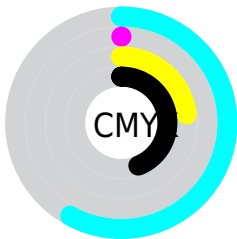
# Distribution



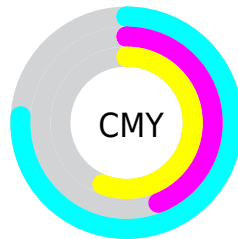
- Red (24%)
- Green (56%)
- Blue (44%)



- Red (24%)
- Yellow (44%)
- Blue (56%)



- Cyan (58%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D906F 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 3D906F by changing the saturation by 10% instead.



 3D906F

 3D906F

FFFFFF

 1F7657

 74C6A3

 005D3F

 8FE3BE

 004529

 ABFFDA

 002D15

 C7FFF6

 001700

 E4FFFF

 000000

 3D906F

 3D906F

 2F9069

 4B9075

 209064

 5A907A

■ 12905E

■ 689080

■ 039058

■ 779086

■ 009057

■ 85908C

■ 939091

■ A29097

■ B0909D

■ BF90A3

# Harmonies

## Analogous

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



668C54



3D906F



00918E

# Triad

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



3D906F



6A80BC



B66F59

# Complementary

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



3D906F



903D5E

# 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.



BB6975



3D906F



9675AD

# Square

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



3D906F



2C89BB



B16B94



A37A48

# Rectangle

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



3D906F



0090A1



B16B94



B96D62



# Sweetspot

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



3D906F



9BBAAE



5E903D



4B5E57



DEDEDE



5E5E5E



# Same Dimension

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



3D906F



3ABA87



3D8890



404745



008751



000805



# Inverse Universe

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



903D5E



BA3A6D



90453D



474043



870036



080003



# Previews

## White Background



This preview shows how the Hex color 3D906F looks on a white background.

## Color Contrast Check

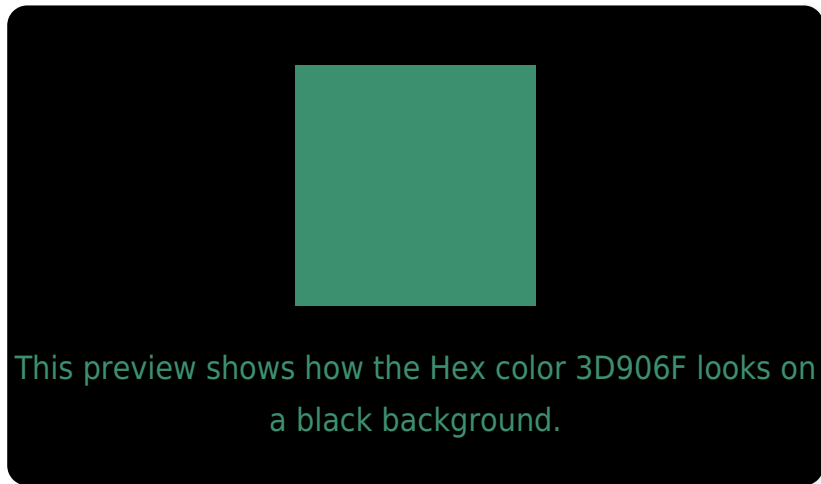
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 3D906F Background



This preview shows how black text looks on a background with the Hex color 3D906F.



This preview shows how white text looks on a background with the Hex color 3D906F.

# 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**  
4A8B96

# Trichromacy



**Original Color**  
3D906F



**Protanomaly**  
6D866A



**Deuteranomaly**  
738372



**Tritanomaly**  
458D88

# Monochromacy



**Original Color**  
3D906F



**Achromatopsia**  
737373



**Achromatomaly**  
5F7E72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D906F 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 #3D906F looks like.

```
.text, #text, p{  
    color:#3D906F  
}
```

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 #3D906F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D906F
}
```

## Border

The CSS property to change the border of an element to Hex 3D906F 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
#3D906F }
```

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

```
.border{ border-color:#3D906F }
```

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

Here you see how a box with a 4 pixel #3D906F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D906F; -webkit-box-shadow:4px 4px  
4px 4px #3D906F; box-shadow:4px 4px 4px  
4px #3D906F }
```

# Background

The CSS property to change the background color of an element to Hex 3D906F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D906F }
```

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

```
.background{ background-color:#3D906F }
```

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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