

Converting Colors

Hex(00906B)

Have a look what the booklet for
Hex(00906B) contains.

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Color

Hex(00906B)

Conversions

Conversions Part 1

Format	Color
Hex	00906B
RGB	0, 144, 107
RGB Percent	0%, 56%, 42%
CMY	1.0000, 0.4353, 0.5804
CMYK	1.00, 0.00, 0.26, 0.44
HSL	165°, 100%, 28%
HSV	165°, 100%, 56%
XYZ	12.6271, 21.0081, 17.2994
YIQ	96.7260, -73.9470, -42.0350

Conversions

Conversions Part 2

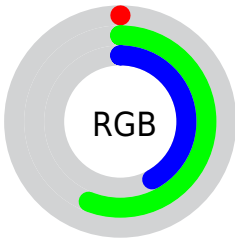
Format	Color
RYB	0, 83, 144
Decimal	36971
CIELab	52.96, -42.11, 10.57
CIELCh	53, 43.413, 165.907
Yxy	21.0081, 0.2479, 0.4125
Android (android.graphics.Color)	4278227051 (0xFF00906B)
YUV	96.7260, 5.0651, -84.8287
Hunter-Lab	45.8345, -31.0349, 9.7063

Details

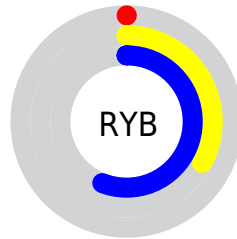
The Hex color **00906B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **900025**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **54C79E**, and **005C3C** is the 20% darker color. If you saturate the color by 10%, you get **00906B**, and if you desaturate by 10%, it is **0E906F**.

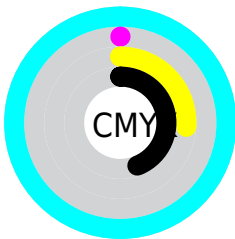
Distribution



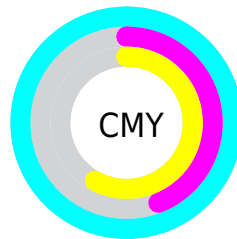
- Red (0%)
- Green (56%)
- Blue (42%)



- Red (0%)
- Yellow (33%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)




- Cyan (100%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00906B 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 00906B by changing the saturation by 10% instead.

 00906B

 00906B

FFFFFF

 007653

 54C79E

 005C3C

 72E3B9

 004426

 8FFFD5

 002D11

 ACFFF1

 001200

 C9FFFF

 000000

 E7FFFF

 00906B

 0E906F

 1D9072

 2B9076

 3A907A

 48907D

 569081

 659085

 739089

 82908C

Harmonies

Analogous

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



568B48



00906B



009192

Triad

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



00906B



637CC6



BB684A

Complementary

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



00906B



900025

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.



C45F6C



00906B



9A6DB3

Square

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



00906B



0087C6



BA6192



A37634

Rectangle

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



00906B



0090A9



BA6192



C06455

Sweetspot

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



00906B



82BAAC



269000



3C5E56



DEDEDE



5E5E5E

Same Dimension

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



00906B



00BA8A



006E90



404746



008764



000806

Inverse Universe

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



900025



BA0030



902200



474042



870023



080002

Previews

White Background



This preview shows how the Hex color 00906B looks on a white background.

Color Contrast Check

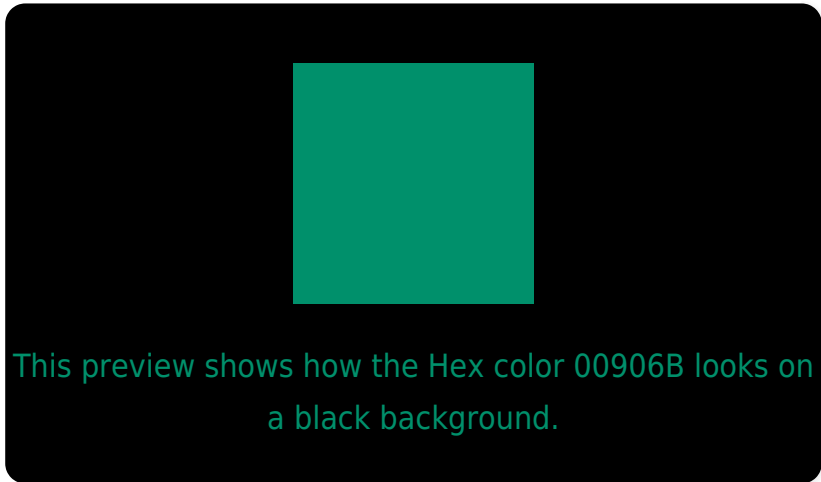
Large Text (above 18pt) WCAG AA ✓ Pass

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 00906B Background



This preview shows how black text looks on a background with the Hex color 00906B.

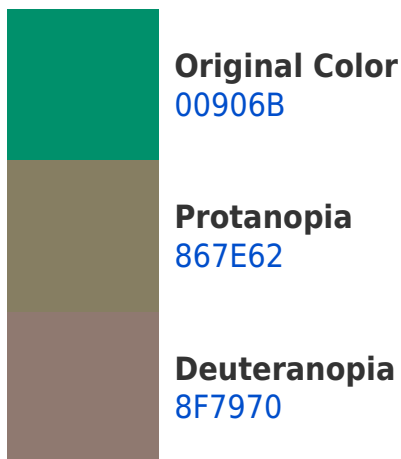


This preview shows how white text looks on a background with the Hex color 00906B.

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
2E8A96

Trichromacy



Original Color
00906B



Protanomaly
558565



Deuteranomaly
5B816E



Tritanomaly
1D8C86

Monochromacy



Original Color
00906B



Achromatopsia
616161



Achromatomaly
3E7265

CSS Examples

Text

The CSS property to change the color of the text to Hex 00906B 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 #00906B looks like.

```
.text, #text, p{  
    color:#00906B  
}
```

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 #00906B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00906B
}
```

Border

The CSS property to change the border of an element to Hex 00906B 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
#00906B }
```

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

```
.border{ border-color:#00906B }
```

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

Here you see how a box with a 4 pixel #00906B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00906B; -webkit-box-shadow:4px 4px  
4px 4px #00906B; box-shadow:4px 4px 4px  
4px #00906B }
```

Background

The CSS property to change the background color of an element to Hex 00906B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00906B }
```

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

```
.background{ background-color:#00906B }
```

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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