

Converting Colors

Hex(00936B)

Have a look what the booklet for
Hex(00936B) contains.

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Color

Hex(00936B)

Conversions

Conversions Part 1

Format	Color
Hex	00936B
RGB	0, 147, 107
RGB Percent	0%, 58%, 42%
CMY	1.0000, 0.4235, 0.5804
CMYK	1.00, 0.00, 0.27, 0.42
HSL	164°, 100%, 29%
HSV	164°, 100%, 58%
XYZ	13.0876, 21.9290, 17.4528
YIQ	98.4870, -74.7720, -43.6040

Conversions

Conversions Part 2

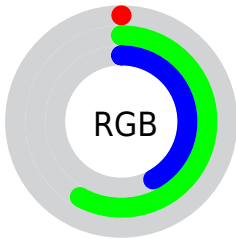
Format	Color
RYB	0, 85, 147
Decimal	37739
CIELab	53.95, -43.32, 11.96
CIELCh	54, 44.945, 164.562
Yxy	21.9290, 0.2494, 0.4179
Android (android.graphics.Color)	4278227819 (0xFF00936B)
YUV	98.4870, 4.1969, -86.3731
Hunter-Lab	46.8284, -32.0626, 10.6826

Details

The Hex color **00936B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **930028**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55CA9E**, and **005F3C** is the 20% darker color. If you saturate the color by 10%, you get **00936B**, and if you desaturate by 10%, it is **0F936F**.

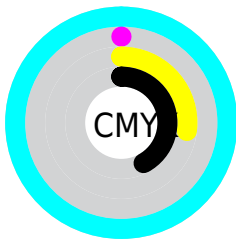
Distribution



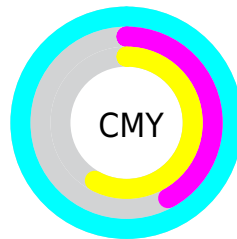
- Red (0%)
- Green (58%)
- Blue (42%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00936B 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 00936B by changing the saturation by 10% instead.

 00936B

 00936B

FFFFFF

 007953

 55CA9E

 005F3C

 73E6B9

 004626

 90FFD5

 002F11

 ADFFF1

 001600

 CAFFFF

 000000

 E8FFFF

 00936B

 0F936F

 1D9373

 2C9377

 3B937B

 4A937F

 589383

 679387

 76938B

 84938F

Harmonies

Analogous

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



598E47



00936B



009493

Triad

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



00936B



607FCC



C0694C

Complementary

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



00936B



930028

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.



C96070



00936B



9C6FB9

Square

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



00936B



008BCB



BE6297



A87834

Rectangle

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



00936B



0093AC



BE6297



C56557

Sweetspot

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



00936B



86BFB0



2A9300



3E6157



E0E0E0



616161

Same Dimension

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



00936B



00BF8B



007393



434A48



008A64



000A07

Inverse Universe

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



930028



BF0034



932000



4A4345



8A0025



0A0003

Previews

White Background



This preview shows how the Hex color 00936B looks on a white background.

Color Contrast Check

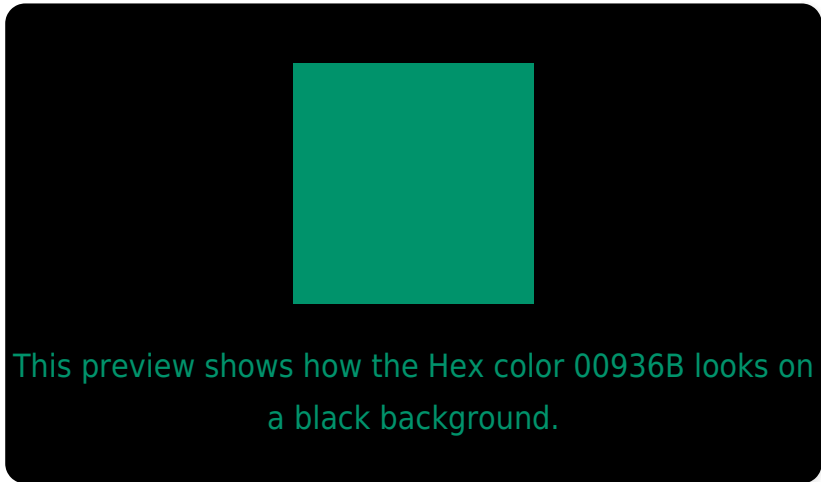
Large Text (above 18pt) WCAG AA ✓ Pass

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 00936B Background



This preview shows how black text looks on a background with the Hex color 00936B.

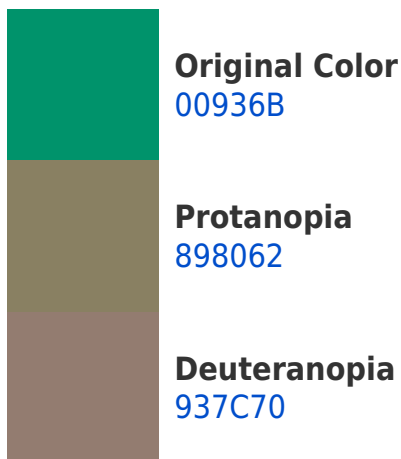


This preview shows how white text looks on a background with the Hex color 00936B.

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
308D99

Trichromacy



Original Color
00936B



Protanomaly
578765



Deuteranomaly
5E846E



Tritanomaly
1F8F88

Monochromacy



Original Color
00936B



Achromatopsia
626262



Achromatomaly
3E7465

CSS Examples

Text

The CSS property to change the color of the text to Hex 00936B 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 #00936B looks like.

```
.text, #text, p{  
    color:#00936B  
}
```

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 #00936B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00936B
}
```

Border

The CSS property to change the border of an element to Hex 00936B 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
#00936B }
```

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

```
.border{ border-color:#00936B }
```

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

Here you see how a box with a 4 pixel #00936B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00936B; -webkit-box-shadow:4px 4px  
4px 4px #00936B; box-shadow:4px 4px 4px  
4px #00936B }
```

Background

The CSS property to change the background color of an element to Hex 00936B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00936B }
```

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

```
.background{ background-color:#00936B }
```

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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