

Converting Colors

Hex(00996B)

Have a look what the booklet for
Hex(00996B) contains.

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Color

Hex(00996B)

Conversions

Conversions Part 1

Format	Color
Hex	00996B
RGB	0, 153, 107
RGB Percent	0%, 60%, 42%
CMY	1.0000, 0.4000, 0.5804
CMYK	1.00, 0.00, 0.30, 0.40
HSL	162°, 100%, 30%
HSV	162°, 100%, 60%
XYZ	14.0451, 23.8440, 17.7720
YIQ	102.0090, -76.4220, -46.7420

Conversions

Conversions Part 2

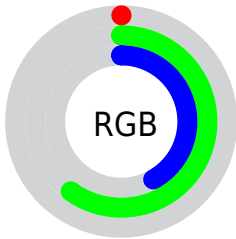
Format	Color
RYB	0, 90, 153
Decimal	39275
CIELab	55.93, -45.71, 14.72
CIELCh	56, 48.019, 162.150
Yxy	23.8440, 0.2523, 0.4284
Android (android.graphics.Color)	4278229355 (0xFF00996B)
YUV	102.0090, 2.4606, -89.4619
Hunter-Lab	48.8303, -34.1111, 12.6024

Details

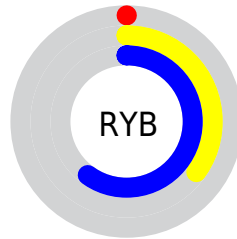
The Hex color **00996B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **99002E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57D09F**, and **00653B** is the 20% darker color. If you saturate the color by 10%, you get **00996B**, and if you desaturate by 10%, it is **0F9970**.

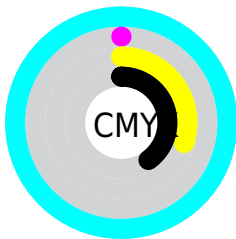
Distribution



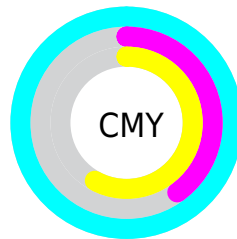
- Red (0%)
- Green (60%)
- Blue (42%)



- Red (0%)
- Yellow (35%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00996B 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 00996B by changing the saturation by 10% instead.

 00996B

 00996B

FFFFFF

 007E53

 57D09F

 00653B

 75EDB9

 004C25

 92FFD5

 003411

 AFFFF2

 001D00

 CDFFFF

 000000

 EBFFFF

 00996B

 0F9970

 1F9974

 2E9979

 3D997D

 4D9982

 5C9987

 6B998B

 7A9990

 8A9994

Harmonies

Analogous

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



5F9345



00996B



009B96

Triad

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



00996B



5A85D8



CB6B50

Complementary

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



00996B



99002E

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.



D36177



00996B



9F74C4

Square

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



00996B



0091D5



C665A1



B27B34

Rectangle

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



00996B



009AB1



C665A1



D0675C

Sweetspot

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



00996B



8BC7B5



309900



406359



E3E3E3



636363

Same Dimension

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



00996B



00C78B



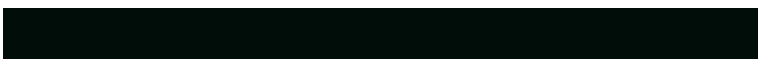
007D99



454D4A



008C62



000D09

Inverse Universe

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



99002E



C7003C



991C00



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 00996B looks on a white background.

Color Contrast Check

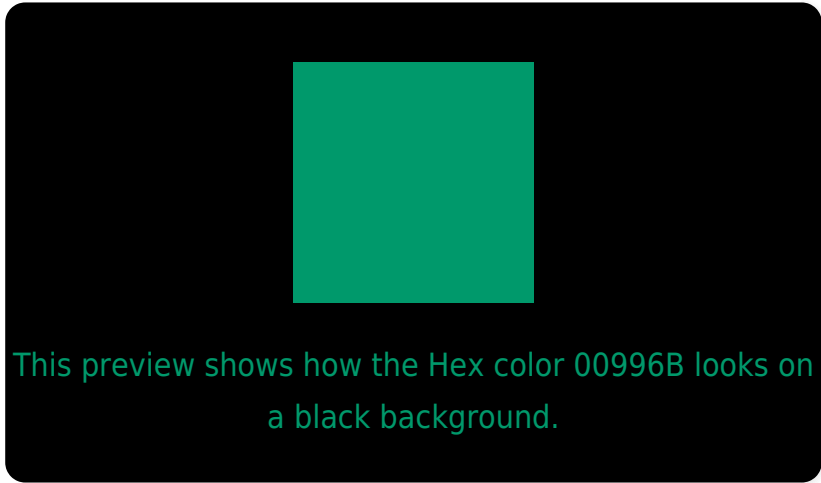
Large Text (above 18pt) WCAG AA ✓ Pass

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 00996B Background



This preview shows how black text looks on a background with the Hex color 00996B.



This preview shows how white text looks on a background with the Hex color 00996B.

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



Original Color
00996B

Protanopia
8F8562

Deuteranopia
9A8071



Tritanopia
33929E

Trichromacy



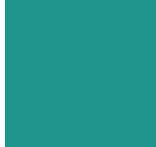
Original Color
00996B



Protanomaly
5B8C65



Deuteranomaly
62896F



Tritanomaly
20958B

Monochromacy



Original Color
00996B



Achromatopsia
666666



Achromatomaly
417968

CSS Examples

Text

The CSS property to change the color of the text to Hex 00996B 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 #00996B looks like.

```
.text, #text, p{  
    color:#00996B  
}
```

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 #00996B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00996B
}
```

Border

The CSS property to change the border of an element to Hex 00996B 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
#00996B }
```

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

```
.border{ border-color:#00996B }
```

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

Here you see how a box with a 4 pixel #00996B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00996B; -webkit-box-shadow:4px 4px  
4px 4px #00996B; box-shadow:4px 4px 4px  
4px #00996B }
```

Background

The CSS property to change the background color of an element to Hex 00996B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00996B }
```

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

```
.background{ background-color:#00996B }
```

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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