

Converting Colors

Hex(009B86)

Have a look what the booklet for
Hex(009B86) contains.

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Color

Hex(009B86)

Conversions

Conversions Part 1

Format	Color
Hex	009B86
RGB	0, 155, 134
RGB Percent	0%, 61%, 53%
CMY	1.0000, 0.3922, 0.4745
CMYK	1.00, 0.00, 0.14, 0.39
HSL	172°, 100%, 30%
HSV	172°, 100%, 61%
XYZ	16.0244, 25.1639, 26.5668
YIQ	106.2610, -85.6390, -39.3910

Conversions

Conversions Part 2

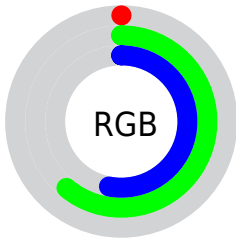
Format	Color
RYB	0, 83, 155
Decimal	39814
CIELab	57.23, -39.45, 1.29
CIELCh	57, 39.471, 178.124
Yxy	25.1639, 0.2365, 0.3714
Android (android.graphics.Color)	4278229894 (0xFF009B86)
YUV	106.2610, 13.6753, -93.1909
Hunter-Lab	50.1637, -30.7658, 3.7144

Details

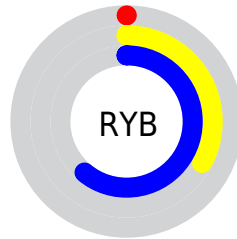
The Hex color **009B86** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B0015**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59D2BB**, and **006755** is the 20% darker color. If you saturate the color by 10%, you get **009B86**, and if you desaturate by 10%, it is **0F9B88**.

Distribution



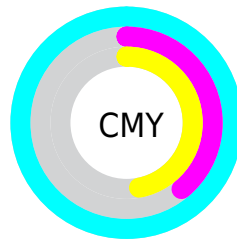
- Red (0%)
- Green (61%)
- Blue (53%)



- Red (0%)
- Yellow (33%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009B86 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 009B86 by changing the saturation by 10% instead.

 009B86

 009B86

FFFFFF

 00806D

 59D2BB

 006755

 77EFD7

 004E3D

 95FFF3

 003628

 B2FFFF

 002113

 D0FFFF

 000000

 EEEFFF

 009B86

 0F9B88

 1F9B8A

 2F9B8C

 3E9B8E

 4E9B90

 5D9B93

 6C9B95

 7C9B97

 8B9B99

Harmonies

Analogous

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



539864



009B86



009BA9

Triad

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



009B86



8981C6



BB7A50

Complementary

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



009B86



9B0015

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.



CA706B



009B86



B275AE

Square

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



009B86



4B8ECE



C86D8D



A08743

Rectangle

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



009B86



0098BC



C86D8D



C27657

Sweetspot

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



009B86



8DC9C1



179B00



416661



E6E6E6



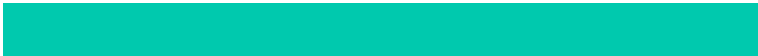
666666

Same Dimension

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



009B86



00C9AE



00659B



454D4B



008C79



000D0B

Inverse Universe

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



9B0015



C9001B



9B3600



4D4546



8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 009B86 looks on a white background.

Color Contrast Check

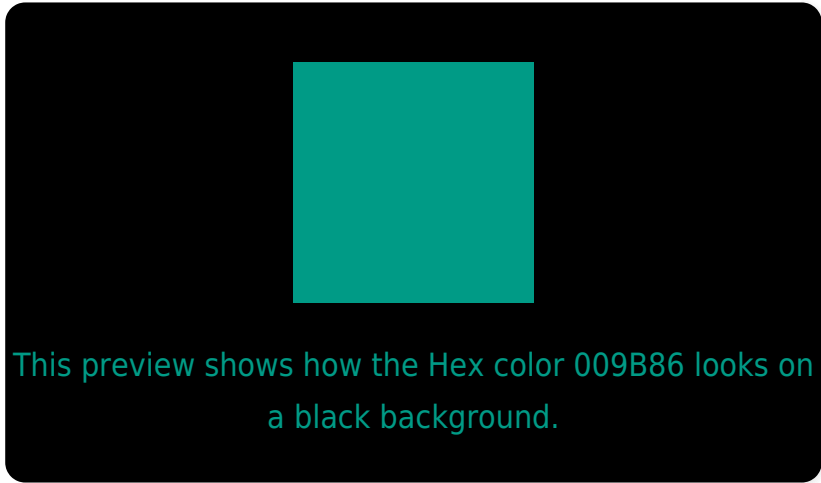
Large Text (above 18pt) WCAG AA ✓ Pass

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

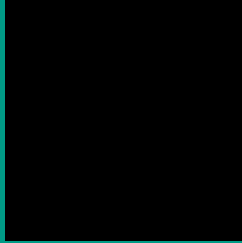
Any Text WCAG AA ✓ Pass

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 009B86 Background



This preview shows how black text looks on a background with the Hex color 009B86.

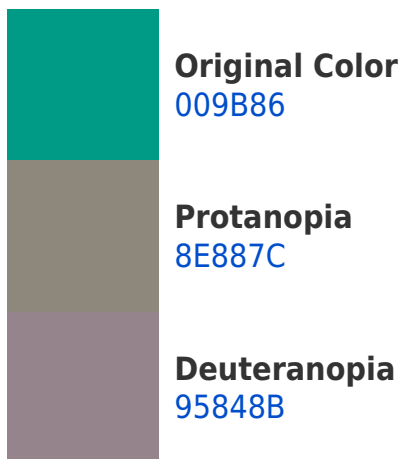


This preview shows how white text looks on a background with the Hex color 009B86.

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
2A97A3

Trichromacy



Original Color
009B86



Protanomaly
5A8F80



Deuteranomaly
5F8C89



Tritanomaly
1B9898

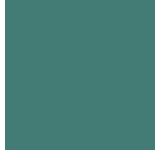
Monochromacy



Original Color
009B86



Achromatopsia
6A6A6A



Achromatomaly
437C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 009B86 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 #009B86 looks like.

```
.text, #text, p{  
    color:#009B86  
}
```

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 #009B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B86
}
```

Border

The CSS property to change the border of an element to Hex 009B86 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
#009B86 }
```

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

```
.border{ border-color:#009B86 }
```

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

Here you see how a box with a 4 pixel #009B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B86; -webkit-box-shadow:4px 4px  
4px 4px #009B86; box-shadow:4px 4px 4px  
4px #009B86 }
```

Background

The CSS property to change the background color of an element to Hex 009B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B86 }
```

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

```
.background{ background-color:#009B86 }
```

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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