

Converting Colors

Hex(009E86)

Have a look what the booklet for
Hex(009E86) contains.

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Color

Hex(009E86)

Conversions

Conversions Part 1

Format	Color
Hex	009E86
RGB	0, 158, 134
RGB Percent	0%, 62%, 53%
CMY	1.0000, 0.3804, 0.4745
CMYK	1.00, 0.00, 0.15, 0.38
HSL	171°, 100%, 31%
HSV	171°, 100%, 62%
XYZ	16.5299, 26.1750, 26.7353
YIQ	108.0220, -86.4640, -40.9600

Conversions

Conversions Part 2

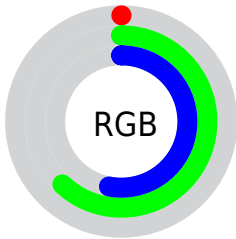
Format	Color
RYB	0, 85, 158
Decimal	40582
CIELab	58.20, -40.75, 2.70
CIELCh	58, 40.836, 176.213
Yxy	26.1750, 0.2380, 0.3769
Android (android.graphics.Color)	4278230662 (0xFF009E86)
YUV	108.0220, 12.8072, -94.7353
Hunter-Lab	51.1615, -31.8604, 4.8300

Details

The Hex color **009E86** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9E0018**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD5BB**, and **006A55** is the 20% darker color. If you saturate the color by 10%, you get **009E86**, and if you desaturate by 10%, it is **109E88**.

Distribution



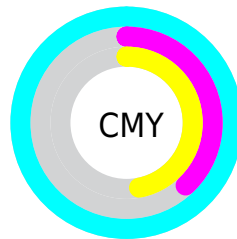
- Red (0%)
- Green (62%)
- Blue (53%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009E86 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 009E86 by changing the saturation by 10% instead.

 009E86

 009E86

FFFFFF

 00836D

 5AD5BB

 006A55

 78F2D7

 00513D

 96FFF3

 003828

 B3FFF3

 002413

 D1FFF3

 000000

 EFFFFFF

 009E86

 109E88

 209E8B

 2F9E8D

 3F9E90

 4F9E92

 5F9E94

 6F9E97

 7E9E99

 8E9E9C

Harmonies

Analogous

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



579A63



009E86



009EAA

Triad

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



009E86



8884CC



C17B51

Complementary

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



009E86



9E0018

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.



CF716E



009E86



B477B4

Square

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



009E86



4491D3



CC6F92



A68843

Rectangle

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



009E86



009CBF



CC6F92



C7775A

Sweetspot

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



009E86



91CFC5



1A9E00



436963



E8E8E8



696969

Same Dimension

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



009E86



00CF AF



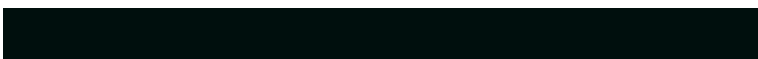
00699E



474F4E



008F79



000F0D

Inverse Universe

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



9E0018



CF001F



9E3500



4F4748



8F0016



0F0002

Previews

White Background



This preview shows how the Hex color 009E86 looks on a white background.

Color Contrast Check

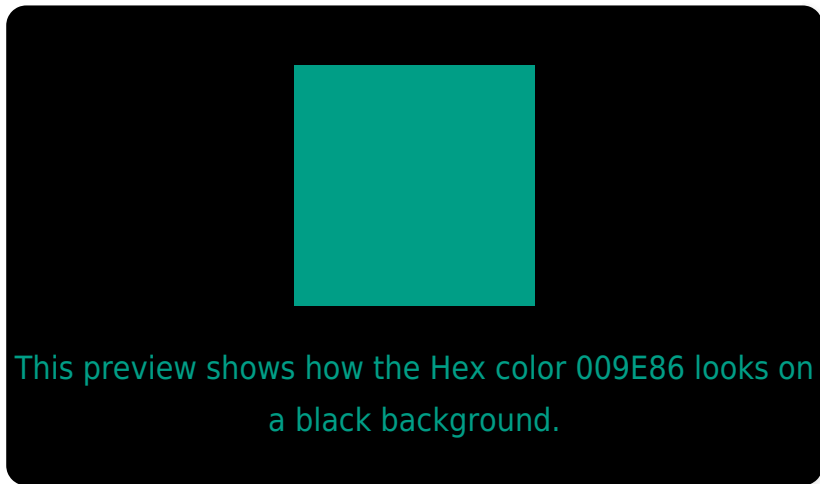
Large Text (above 18pt) WCAG AA ✓ Pass

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 009E86 Background



This preview shows how black text looks on a background with the Hex color 009E86.

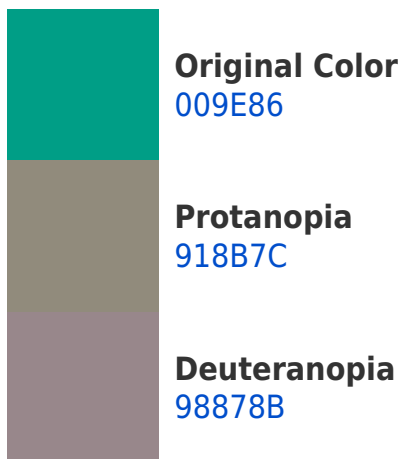


This preview shows how white text looks on a background with the Hex color 009E86.

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
2C9AA6

Trichromacy



Original Color
009E86



Protanomaly
5C9280



Deuteranomaly
618F89



Tritanomaly
1C9B9A

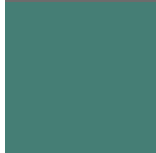
Monochromacy



Original Color
009E86



Achromatopsia
6C6C6C



Achromatomaly
457E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 009E86 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 #009E86 looks like.

```
.text, #text, p{  
    color:#009E86  
}
```

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 #009E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009E86
}
```

Border

The CSS property to change the border of an element to Hex 009E86 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
#009E86 }
```

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

```
.border{ border-color:#009E86 }
```

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

Here you see how a box with a 4 pixel #009E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009E86; -webkit-box-shadow:4px 4px  
4px 4px #009E86; box-shadow:4px 4px 4px  
4px #009E86 }
```

Background

The CSS property to change the background color of an element to Hex 009E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009E86 }
```

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

```
.background{ background-color:#009E86 }
```

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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