

Converting Colors

Hex(009C87)

Have a look what the booklet for
Hex(009C87) contains.

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Color

Hex(009C87)

Conversions

Conversions Part 1

Format	Color
Hex	009C87
RGB	0, 156, 135
RGB Percent	0%, 61%, 53%
CMY	1.0000, 0.3882, 0.4706
CMYK	1.00, 0.00, 0.13, 0.39
HSL	172°, 100%, 31%
HSV	172°, 100%, 61%
XYZ	16.2616, 25.5262, 26.9916
YIQ	106.9620, -86.2350, -39.6030

Conversions

Conversions Part 2

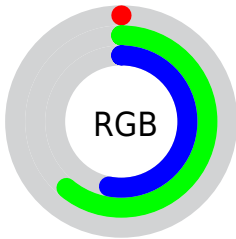
Format	Color
RYB	0, 84, 156
Decimal	40071
CIELab	57.58, -39.60, 1.23
CIELCh	58, 39.620, 178.218
Yxy	25.5262, 0.2364, 0.3711
Android (android.graphics.Color)	4278230151 (0xFF009C87)
YUV	106.9620, 13.8227, -93.8057
Hunter-Lab	50.5235, -30.9635, 3.6913

Details

The Hex color **009C87** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C0015**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D3BC**, and **006855** is the 20% darker color. If you saturate the color by 10%, you get **009C87**, and if you desaturate by 10%, it is **109C89**.

Distribution



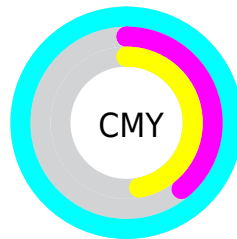
- Red (0%)
- Green (61%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 009C87 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 009C87 by changing the saturation by 10% instead.

 009C87

 009C87

FFFFFF

 00816E

 59D3BC

 006855

 78F0D8

 004F3E

 95FFF4

 003729

 B3FFF4

 002214

 D1FFF4

 000000

 EFFFFFF

 009C87

 109C89

 1F9C8B

 2F9C8D

 3E9C8F

 4E9C92

 5E9C94

 6D9C96

 7D9C98

 8C9C9A

Harmonies

Analogous

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



549965



009C87



009CAA

Triad

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



009C87



8A82C7



BC7B50

Complementary

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



009C87



9C0015

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.



CB716B



009C87



B375AF

Square

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



009C87



4C8ECF



C96E8E



A18844

Rectangle

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



009C87



0099BD



C96E8E



C37758

Sweetspot

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



009C87



8FCCC4



179C00



416661



E6E6E6



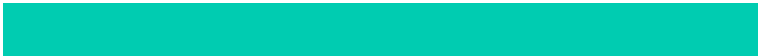
666666

Same Dimension

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



009C87



00CCB1



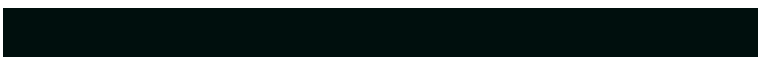
00659C



474F4E



008F7C



000F0D

Inverse Universe

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



9C0015



CC001B



9C3700



4F4748



8F0013



0F0002

Previews

White Background



This preview shows how the Hex color 009C87 looks on a white background.

Color Contrast Check

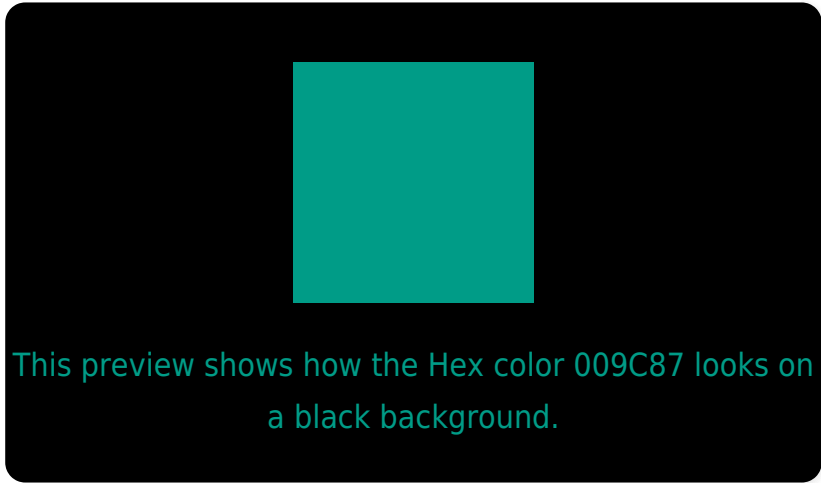
Large Text (above 18pt) WCAG AA ✓ Pass

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

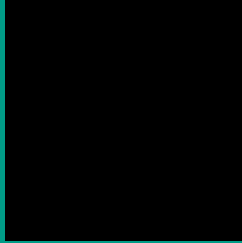
Any Text WCAG AA ✓ Pass

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 009C87 Background



This preview shows how black text looks on a background with the Hex color 009C87.

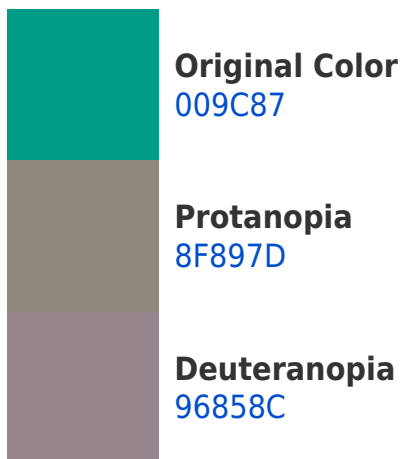


This preview shows how white text looks on a background with the Hex color 009C87.

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
2A98A4

Trichromacy



Original Color
009C87



Protanomaly
5B9081



Deuteranomaly
5F8D8A



Tritanomaly
1B9999

Monochromacy



Original Color
009C87



Achromatopsia
6B6B6B



Achromatomaly
447D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C87 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 #009C87 looks like.

```
.text, #text, p{  
    color:#009C87  
}
```

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 #009C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C87
}
```

Border

The CSS property to change the border of an element to Hex 009C87 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
#009C87 }
```

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

```
.border{ border-color:#009C87 }
```

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

Here you see how a box with a 4 pixel #009C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C87; -webkit-box-shadow:4px 4px  
4px 4px #009C87; box-shadow:4px 4px 4px  
4px #009C87 }
```

Background

The CSS property to change the background color of an element to Hex 009C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C87 }
```

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

```
.background{ background-color:#009C87 }
```

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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