

# Converting Colors

Hex(009B89)

Have a look what the booklet for  
Hex(009B89) contains.

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**Color**

**Hex(009B89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009B89
RGB	0, 155, 137
RGB Percent	0%, 61%, 54%
CMY	1.0000, 0.3922, 0.4627
CMYK	1.00, 0.00, 0.12, 0.39
HSL	173°, 100%, 30%
HSV	173°, 100%, 61%
XYZ	16.2367, 25.2488, 27.6847
YIQ	106.6030, -86.6020, -38.4580

# Conversions

## Conversions Part 2

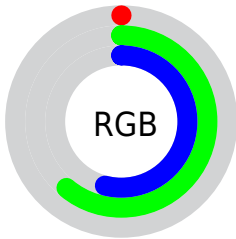
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 155
Decimal	39817
CIELab	57.32, -38.59, -0.30
CIElCh	57, 38.591, 180.438
Yxy	25.2488, 0.2347, 0.3650
Android (android.graphics.Color)	4278229897 (0xFF009B89)
YUV	106.6030, 14.9857, -93.4908
Hunter-Lab	50.2482, -30.2557, 2.5074

# Details

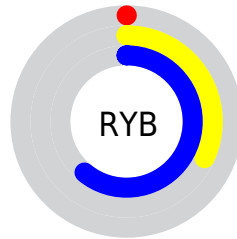
The Hex color **009B89** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B0012**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D2BE**, and **006757** is the 20% darker color. If you saturate the color by 10%, you get **009B89**, and if you desaturate by 10%, it is **0F9B8B**.

# Distribution



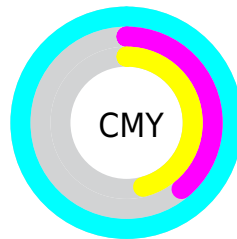
- Red (0%)
- Green (61%)
- Blue (54%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009B89 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 009B89 by changing the saturation by 10% instead.



 009B89

 009B89

FFFFFF

 008070

 59D2BE

 006757

 78EFDA

 004E40

 95FFF7

 00362A

 B3FFF7

 002116

 D1FFF7

 000000

 EFFFFFF

 009B89

 0F9B8B

 1F9B8D

 2F9B8E

 3E9B90

 4E9B92

 5D9B94

 6C9B96

 7C9B97

 8B9B99

# Harmonies

## Analogous

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



519867



009B89



009AAB

# Triad

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



009B89



8D81C4



B97C50

# Complementary

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



009B89



9B0012

# 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.



C87169



009B89



B474AB

# Square

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



009B89



538DCD



C86E8A



9E8845

# Rectangle

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



009B89



0098BD



C86E8A



C07857



# Sweetspot

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



009B89



8DC9C2



129B00



416662



E6E6E6



666666



# Same Dimension

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



009B89



00C9B2



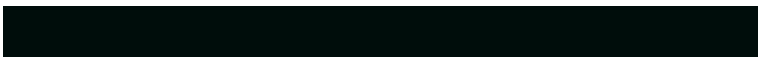
00609B



454D4C



008C7C



000D0B



# Inverse Universe

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



9B0012



C90017



9B3B00



4D4546



8C0010



0D0001



# Previews

## White Background



This preview shows how the Hex color 009B89 looks on a white background.

## Color Contrast Check

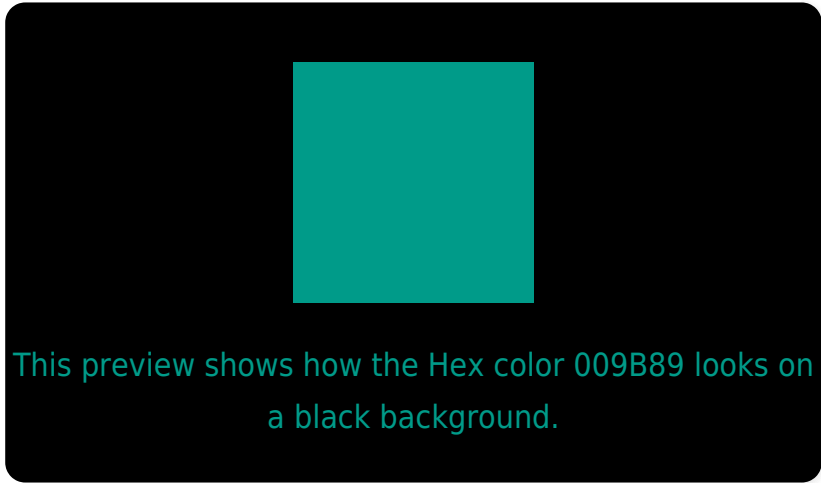
Large Text (above 18pt) WCAG AA ✓ Pass

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

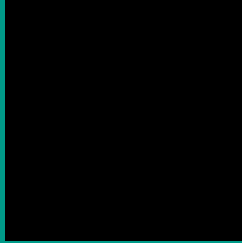
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009B89 Background



This preview shows how black text looks on a background with the Hex color 009B89.

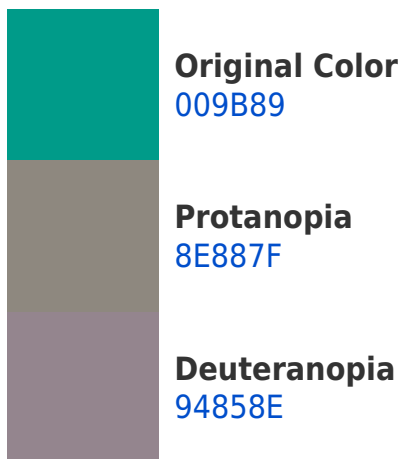


This preview shows how white text looks on a background with the Hex color 009B89.

# 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**  
2997A3

# Trichromacy



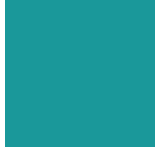
**Original Color**  
009B89



**Protanomaly**  
5A8F83



**Deuteranomaly**  
5E8D8C



**Tritanomaly**  
1A989A

# Monochromacy



**Original Color**  
009B89



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
447C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009B89 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 #009B89 looks like.

```
.text, #text, p{  
    color:#009B89  
}
```

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 #009B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B89
}
```

## Border

The CSS property to change the border of an element to Hex 009B89 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
#009B89 }
```

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

```
.border{ border-color:#009B89 }
```

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

Here you see how a box with a 4 pixel #009B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B89; -webkit-box-shadow:4px 4px  
4px 4px #009B89; box-shadow:4px 4px 4px  
4px #009B89 }
```

# Background

The CSS property to change the background color of an element to Hex 009B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B89 }
```

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

```
.background{ background-color:#009B89 }
```

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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