

Converting Colors

Hex(09D9AC)

Have a look what the booklet for
Hex(09D9AC) contains.

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Color

Hex(09D9AC)

Conversions

Conversions Part 1

Format	Color
Hex	09D9AC
RGB	9, 217, 172
RGB Percent	4%, 85%, 67%
CMY	0.9647, 0.1490, 0.3255
CMYK	0.96, 0.00, 0.21, 0.15
HSL	167°, 92%, 44%
HSV	167°, 96%, 85%
XYZ	32.3719, 52.6623, 47.4884
YIQ	149.6780, -109.5230, -58.0910

Conversions

Conversions Part 2

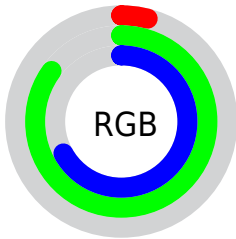
Format	Color
RYB	9, 126, 217
Decimal	645548
CIELab	77.68, -54.59, 9.84
CIELCh	78, 55.474, 169.786
Yxy	52.6623, 0.2443, 0.3974
Android (android.graphics.Color)	4278835628 (0xFF09D9AC)
YUV	149.6780, 11.0047, -123.3746
Hunter-Lab	72.5688, -47.3692, 11.9993

Details

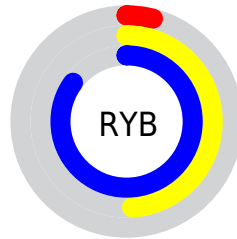
The Hex color **09D9AC** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D90936**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFE3**, and **00A178** is the 20% darker color. If you saturate the color by 10%, you get **00D9AA**, and if you desaturate by 10%, it is **1FD9B1**.

Distribution



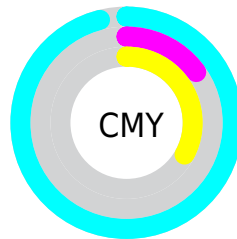
- Red (4%)
- Green (85%)
- Blue (67%)



- Red (4%)
- Yellow (49%)
- Blue (85%)



- Cyan (96%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09D9AC 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 09D9AC by changing the saturation by 10% instead.

 09D9AC

 09D9AC

FFFFFF

 00BD91

 6CFFE3

 00A178

 8DFFFF

 00865F

 ADFFFF

 006B47

 CCFFFF

 005231

 EBFFFF

 00391C

 002203

 000000

 09D9AC

 09D9AC

 00D9AA

 1FD9B1

 34D9B5

 4AD9BA

 60D9BF

 75D9C3

 8BD9C8

 A1D9CD

 B7D9D2

 CCD9D6

Harmonies

Analogous

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



81D37B



09D9AC



00DAE1

Triad

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



09D9AC



A7B9FF



FFA473

Complementary

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



09D9AC



D90936

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.



FF96A0



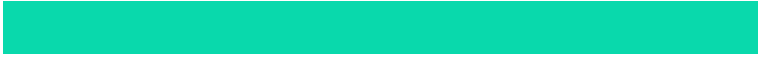
09D9AC



EEA5FF

Square

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



09D9AC



1DCBFF



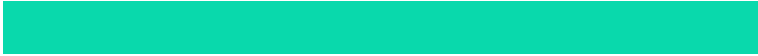
FF96D4



EEB758

Rectangle

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



09D9AC



00D8FF



FF96D4



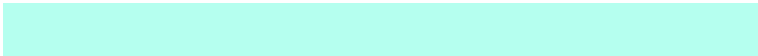
FF9E81

Sweetspot

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



09D9AC



B5FFEF



36D909



538076



000000



808080

Same Dimension

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



09D9AC



00FFC8



099ED9



636E6B



00AD88



002E24

Inverse Universe

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



D90936



FF0037



D94409



6E6365



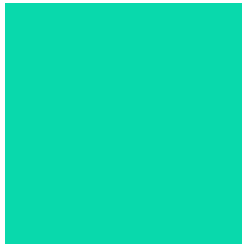
AD0026



2E000A

Previews

White Background



This preview shows how the Hex color 09D9AC looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 09D9AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

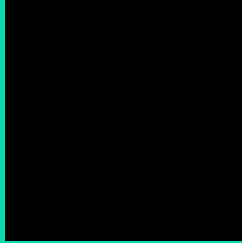
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

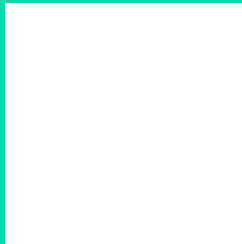
Any Text WCAG AAA ✓ Pass

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

Hex 09D9AC Background



This preview shows how black text looks on a background with the Hex color 09D9AC.

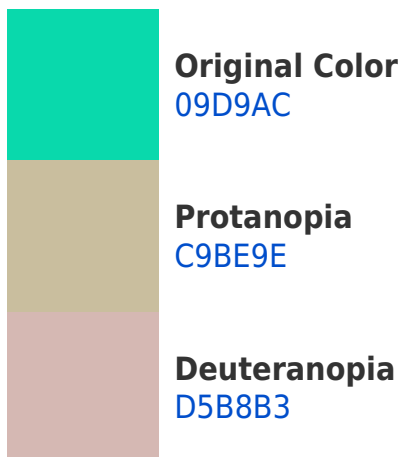


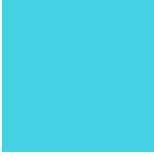
This preview shows how white text looks on a background with the Hex color 09D9AC.

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](#).

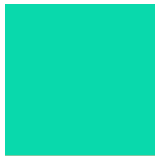
Dichromacy





Tritanopia
42D2E3

Trichromacy



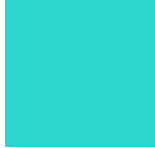
Original Color
09D9AC



Protanomaly
83C8A3

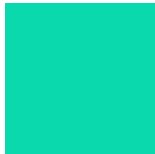


Deuteranomaly
8BC4B0



Tritanomaly
2DD5CF

Monochromacy



Original Color
09D9AC



Achromatopsia
969696



Achromatomaly
63AE9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 09D9AC 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 #09D9AC looks like.

```
.text, #text, p{  
    color:#09D9AC  
}
```

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 #09D9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09D9AC
}
```

Border

The CSS property to change the border of an element to Hex 09D9AC 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
#09D9AC }
```

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

```
.border{ border-color:#09D9AC }
```

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

Here you see how a box with a 4 pixel #09D9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09D9AC; -webkit-box-shadow:4px 4px  
4px 4px #09D9AC; box-shadow:4px 4px 4px  
4px #09D9AC }
```

Background

The CSS property to change the background color of an element to Hex 09D9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09D9AC }
```

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

```
.background{ background-color:#09D9AC }
```

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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