

# Converting Colors

Hex(09D0A3)

Have a look what the booklet for  
Hex(09D0A3) contains.

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# Color

Hex(09D0A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	09D0A3
RGB	9, 208, 163
RGB Percent	4%, 82%, 64%
CMY	0.9647, 0.1843, 0.3608
CMYK	0.96, 0.00, 0.22, 0.18
HSL	166°, 92%, 43%
HSV	166°, 96%, 82%
XYZ	29.2794, 47.8142, 42.3362
YIQ	143.3690, -104.1590, -56.1830

# Conversions

## Conversions Part 2

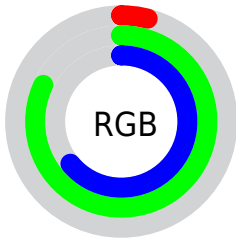
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 121, 208
Decimal	643235
CIELab	74.71, -53.30, 10.42
CIELCh	75, 54.305, 168.941
Yxy	47.8142, 0.2452, 0.4004
Android (android.graphics.Color)	4278833315 (0xFF09D0A3)
YUV	143.3690, 9.6781, -117.8416
Hunter-Lab	69.1478, -45.4260, 12.1027

# Details

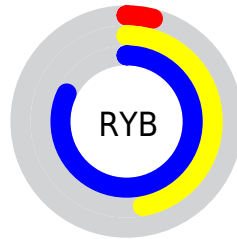
The Hex color **09D0A3** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D00936**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFDA**, and **00986F** is the 20% darker color. If you saturate the color by 10%, you get **00D0A1**, and if you desaturate by 10%, it is **1ED0A8**.

# Distribution



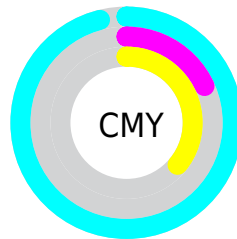
- Red (4%)
- Green (82%)
- Blue (64%)



- Red (4%)
- Yellow (47%)
- Blue (82%)



- Cyan (96%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09D0A3 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 09D0A3 by changing the saturation by 10% instead.



 09D0A3

 09D0A3

FFFFFF

 00B489

 69FFDA

 00986F

 8AFF6

 007E57

 A9FFFF

 006340

 C8FFFF

 004A2A

 E7FFFF

 003315

 001900

 000000

 09D0A3

 09D0A3

00D0A1

1ED0A8

33D0AC

47D0B1

5CD0B6

71D0BB

86D0BF

9BD0C4

AFD0C9

C4D0CD

# Harmonies

## Analogous

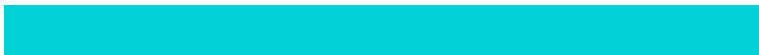
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7CCA74



09D0A3



00D1D7

# Triad

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



09D0A3



9DB2FF



FF9C6E

# Complementary

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



09D0A3



D00936

# 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.



FF8F9A



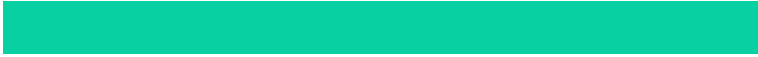
09D0A3



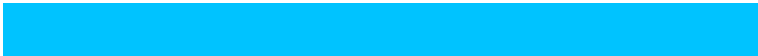
E39EFA

# Square

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



09D0A3



00C3FF



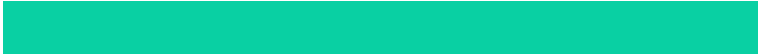
FF90CD



E5AF53

# Rectangle

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



09D0A3



00CFF5



FF90CD

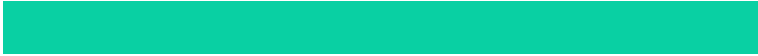


FF977B

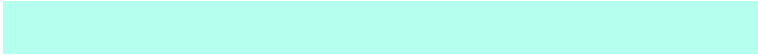


# Sweetspot

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



09D0A3



B5FFEE



37D009



538075



000000



808080



# Same Dimension

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



09D0A3



00FFC5



099BD0



5E6966



00A882



002920



# Inverse Universe

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



D00936



FF003A



D03E09



695E60



A80026

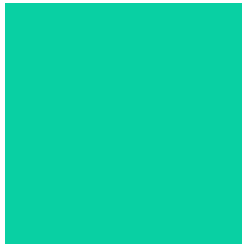


290009



# Previews

## White Background



This preview shows how the Hex color 09D0A3 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 09D0A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

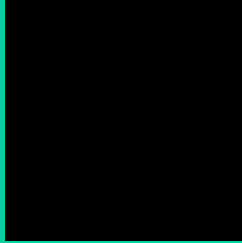
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

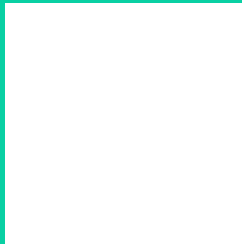
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 09D0A3 Background



This preview shows how black text looks on a background with the Hex color 09D0A3.

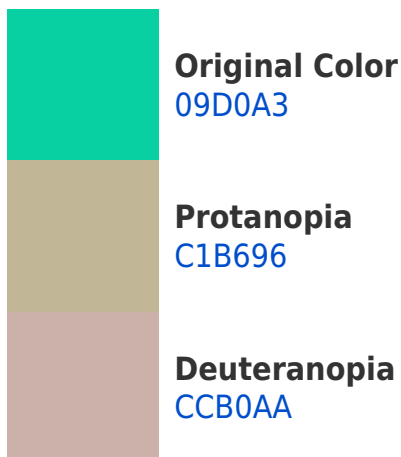


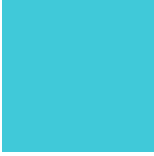
This preview shows how white text looks on a background with the Hex color 09D0A3.

# 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](#).

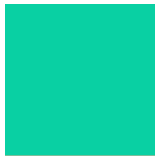
## Dichromacy





**Tritanopia**  
40C9D9

# Trichromacy



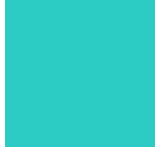
**Original Color**  
09D0A3



**Protanomaly**  
7EBF9B



**Deuteranomaly**  
85BCA7



**Tritanomaly**  
2CCCC5

# Monochromacy



**Original Color**  
09D0A3



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5EA796

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09D0A3 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 #09D0A3 looks like.

```
.text, #text, p{  
    color:#09D0A3  
}
```

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 #09D0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09D0A3
}
```

## Border

The CSS property to change the border of an element to Hex 09D0A3 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
#09D0A3 }
```

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

```
.border{ border-color:#09D0A3 }
```

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

Here you see how a box with a 4 pixel #09D0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09D0A3; -webkit-box-shadow:4px 4px  
4px 4px #09D0A3; box-shadow:4px 4px 4px  
4px #09D0A3 }
```

# Background

The CSS property to change the background color of an element to Hex 09D0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09D0A3 }
```

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

```
.background{ background-color:#09D0A3 }
```

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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