

Converting Colors

Hex(0D9A8D)

Have a look what the booklet for
Hex(0D9A8D) contains.

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Color

Hex(0D9A8D)

Conversions

Conversions Part 1

Format	Color
Hex	0D9A8D
RGB	13, 154, 141
RGB Percent	5%, 60%, 55%
CMY	0.9490, 0.3961, 0.4471
CMYK	0.92, 0.00, 0.08, 0.40
HSL	174°, 84%, 33%
HSV	174°, 92%, 60%
XYZ	16.5293, 25.1199, 29.1767
YIQ	110.3590, -79.8630, -33.9350

Conversions

Conversions Part 2

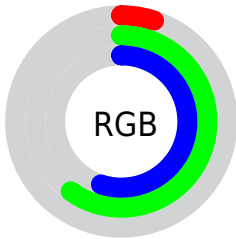
Format	Color
RYB	13, 87, 154
Decimal	891533
CIELab	57.19, -36.39, -2.75
CIELCh	57, 36.498, 184.317
Yxy	25.1199, 0.2334, 0.3547
Android (android.graphics.Color)	4279081613 (0xFF0D9A8D)
YUV	110.3590, 15.1060, -85.3838
Hunter-Lab	50.1197, -28.8408, 0.5687

Details

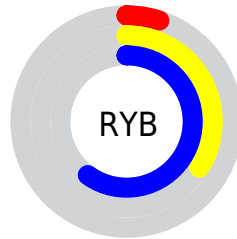
The Hex color **0D9A8D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A0D1A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CD1C3**, and **00665B** is the 20% darker color. If you saturate the color by 10%, you get **009A8C**, and if you desaturate by 10%, it is **1C9A8E**.

Distribution



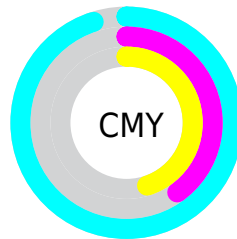
- Red (5%)
- Green (60%)
- Blue (55%)



- Red (5%)
- Yellow (34%)
- Blue (60%)



- Cyan (92%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (95%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9A8D 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 0D9A8D by changing the saturation by 10% instead.

 0D9A8D

 0D9A8D

FFFFFF

 008074

 5CD1C3

 00665B

 7AEEDF

 004D44

 98FFFB

 00352D

 B5FFFF

 002119

 D3FFFF

 000000

 F1FFFF

 0D9A8D

 0D9A8D

 009A8C

 1C9A8E

 2C9A90

 3B9A91

 4B9A93

 5A9A94

 699A96

 799A97

 889A98

 989A9A

Harmonies

Analogous

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



4F986D



0D9A8D



0099AC

Triad

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



0D9A8D



937FBE



B47E50

Complementary

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



0D9A8D



9A0D1A

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.



C47467



0D9A8D



B574A5

Square

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



0D9A8D



608BC8



C57086



998949

Rectangle

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



0D9A8D



0096BC



C57086



BA7A57

Sweetspot

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



0D9A8D



93C9C4



1B9A0D



456663



E6E6E6



666666

Same Dimension

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



0D9A8D



00C9B7



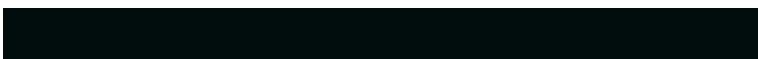
0D629A



454D4C



008C7F



000D0C

Inverse Universe

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



9A0D1A



C90013



9A450D



4D4546



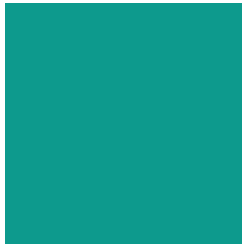
8C000D



0D0001

Previews

White Background



This preview shows how the Hex color 0D9A8D 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



This preview shows how the Hex color 0D9A8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

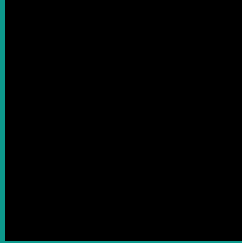
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0D9A8D Background



This preview shows how black text looks on a background with the Hex color 0D9A8D.

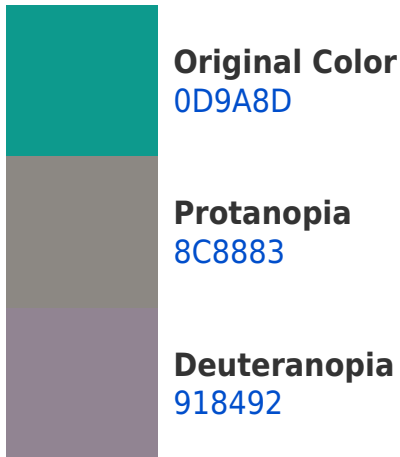


This preview shows how white text looks on a background with the Hex color 0D9A8D.

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
2797A3

Trichromacy



Original Color
0D9A8D



Protanomaly
5E8F87



Deuteranomaly
618C90



Tritanomaly
1E989B

Monochromacy



Original Color
0D9A8D



Achromatopsia
6E6E6E



Achromatomaly
4B7E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9A8D 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 #0D9A8D looks like.

```
.text, #text, p{  
    color:#0D9A8D  
}
```

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 #0D9A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9A8D
}
```

Border

The CSS property to change the border of an element to Hex 0D9A8D 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
#0D9A8D }
```

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

```
.border{ border-color:#0D9A8D }
```

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

Here you see how a box with a 4 pixel #0D9A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9A8D; -webkit-box-shadow:4px 4px  
4px 4px #0D9A8D; box-shadow:4px 4px 4px  
4px #0D9A8D }
```

Background

The CSS property to change the background color of an element to Hex 0D9A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9A8D }
```

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

```
.background{ background-color:#0D9A8D }
```

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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