

Converting Colors

Hex(0D9DA4)

Have a look what the booklet for
Hex(0D9DA4) contains.

Hex(0D9DA4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D9DA4)

Conversions

Conversions Part 1

Format	Color
Hex	0D9DA4
RGB	13, 157, 164
RGB Percent	5%, 62%, 64%
CMY	0.9490, 0.3843, 0.3569
CMYK	0.92, 0.04, 0.00, 0.36
HSL	183°, 85%, 35%
HSV	183°, 92%, 64%
XYZ	18.9238, 26.8798, 39.3129
YIQ	114.7420, -88.0710, -28.3510

Conversions

Conversions Part 2

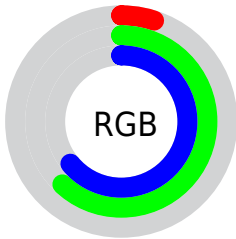
Format	Color
RYB	13, 87, 164
Decimal	892324
CIELab	58.86, -30.72, -13.34
CIELCh	59, 33.494, 203.472
Yxy	26.8798, 0.2223, 0.3158
Android (android.graphics.Color)	4279082404 (0xFF0D9DA4)
YUV	114.7420, 24.2842, -89.2277
Hunter-Lab	51.8458, -25.5773, -8.6656

Details

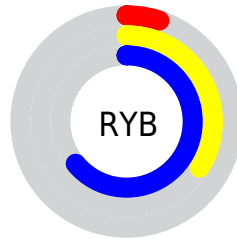
The Hex color **0D9DA4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A4140D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **60D4DB**, and **006970** is the 20% darker color. If you saturate the color by 10%, you get **009CA4**, and if you desaturate by 10%, it is **1D9EA4**.

Distribution



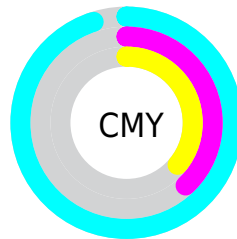
- Red (5%)
- Green (62%)
- Blue (64%)



- Red (5%)
- Yellow (34%)
- Blue (64%)



- Cyan (92%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9DA4 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 0D9DA4 by changing the saturation by 10% instead.

 0D9DA4

 0D9DA4

FFFFFF

 00838A

 60D4DB

 006970

 7EF1F7

 005058

 9CFFFF

 003941

 BAF0FF

 00242A

 D8FFFF

 000117

 F7FFFF

 000000

 0D9DA4

 0D9DA4

 009CA4

 1D9EA4

 2E9FA4

 3E9FA4

 4FA0A4

 5FA1A4

 6FA2A4

 80A2A4

 90A3A4

 A1A4A4

Harmonies

Analogous

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



409D86



0D9DA4



1E9ABC

Triad

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



0D9DA4



AC7EB1



A78A53

Complementary

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



0D9DA4



A4140D

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.



BC7F5F



0D9DA4



C27795

Square

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



0D9DA4



8888C3



C77878



899357

Rectangle

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



0D9DA4



4595C5



C77878



AF8655

Sweetspot

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



0D9DA4



9AD3D6



0DA412



47696B



EBEBEB



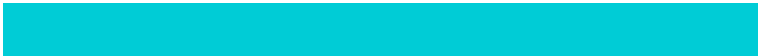
6B6B6B

Same Dimension

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



0D9DA4



00CCD6



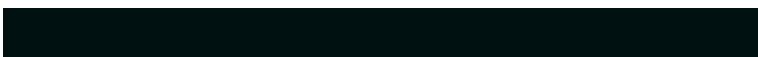
0D53A4



495152



008B91



001112

Inverse Universe

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



A40D9D



D600CC



A45E0D



524951



91008B



120011

Previews

White Background



This preview shows how the Hex color 0D9DA4 looks on a white background.

Color Contrast Check

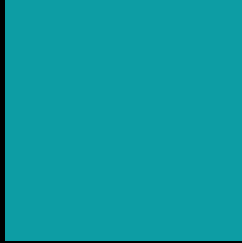
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D9DA4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

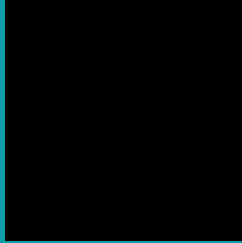
Any Text WCAG AA ✓ Pass

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 0D9DA4 Background



This preview shows how black text looks on a background with the Hex color 0D9DA4.

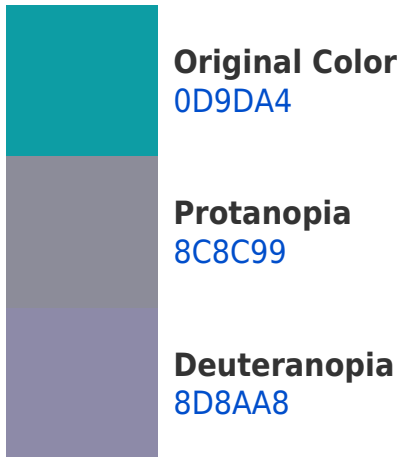


This preview shows how white text looks on a background with the Hex color 0D9DA4.

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
179CA9

Trichromacy



Original Color
0D9DA4



Protanomaly
5E929D



Deuteranomaly
5E91A7



Tritanomaly
139CA7

Monochromacy



Original Color
0D9DA4



Achromatopsia
737373



Achromatomaly
4E8285

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9DA4 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 #0D9DA4 looks like.

```
.text, #text, p{  
    color:#0D9DA4  
}
```

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 #0D9DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9DA4
}
```

Border

The CSS property to change the border of an element to Hex 0D9DA4 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
#0D9DA4 }
```

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

```
.border{ border-color:#0D9DA4 }
```

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

Here you see how a box with a 4 pixel #0D9DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9DA4; -webkit-box-shadow:4px 4px  
4px 4px #0D9DA4; box-shadow:4px 4px 4px  
4px #0D9DA4 }
```

Background

The CSS property to change the background color of an element to Hex 0D9DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9DA4 }
```

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

```
.background{ background-color:#0D9DA4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor