

Converting Colors

Hex(009D91)

Have a look what the booklet for
Hex(009D91) contains.

Hex(009D91)	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(009D91)

Conversions

Conversions Part 1

Format	Color
Hex	009D91
RGB	0, 157, 145
RGB Percent	0%, 62%, 57%
CMY	1.0000, 0.3843, 0.4314
CMYK	1.00, 0.00, 0.08, 0.38
HSL	175°, 100%, 31%
HSV	175°, 100%, 62%
XYZ	17.1678, 26.1583, 30.9323
YIQ	108.6890, -89.7200, -37.0160

Conversions

Conversions Part 2

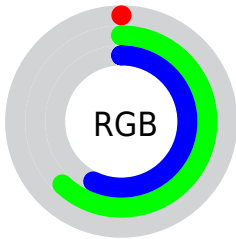
Format	Color
RYB	0, 82, 157
Decimal	40337
CIELab	58.19, -37.13, -3.57
CIELCh	58, 37.306, 185.488
Yxy	26.1583, 0.2312, 0.3523
Android (android.graphics.Color)	4278230417 (0xFF009D91)
YUV	108.6890, 17.9013, -95.3203
Hunter-Lab	51.1452, -29.5873, -0.0566

Details

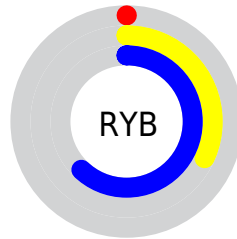
The Hex color **009D91** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D000C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5AD4C7**, and **00695F** is the 20% darker color. If you saturate the color by 10%, you get **009D91**, and if you desaturate by 10%, it is **109D92**.

Distribution



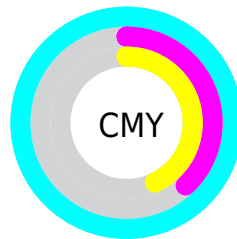
- Red (0%)
- Green (62%)
- Blue (57%)



- Red (0%)
- Yellow (32%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009D91 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 009D91 by changing the saturation by 10% instead.

 009D91

 009D91

FFFFFF

 008277

 5AD4C7

 00695F

 79F1E3

 005047

 97FFFF

 003831

 B5FFFF

 00241C

 D2FFFF

 000001

 F1FFFF

 000000

 009D91

 109D92

 1F9D93

 2F9D95

 3F9D96

 4F9D97

 5E9D98

 6E9D99

 7E9D9B

 8D9D9C

Harmonies

Analogous

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



4E9B70



009D91



009CB1

Triad

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



009D91



9781C1



B68151

Complementary

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



009D91



9D000C

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.



C77668



009D91



BA76A8

Square

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



009D91



638DCD



CA7187



9B8C4A

Rectangle

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



009D91



0099C1



CA7187



BE7D57

Sweetspot

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



009D91



8FCCC7



0D9D00



416663



E6E6E6



666666

Same Dimension

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



009D91



00CCBC



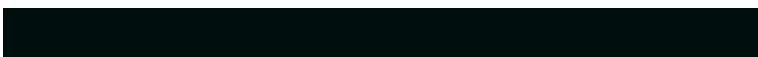
005C9D



474F4E



008F84



000F0E

Inverse Universe

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



9D000C



CC0010



9D4100



4F4748



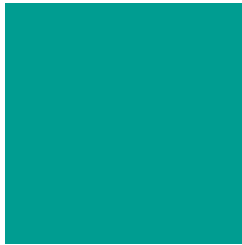
8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 009D91 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 009D91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

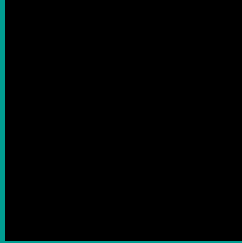
Any Text WCAG AA ✓ Pass

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 009D91 Background



This preview shows how black text looks on a background with the Hex color 009D91.

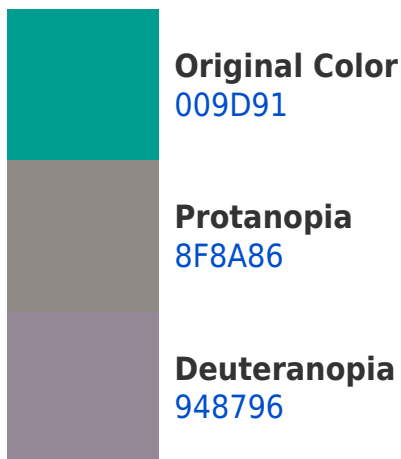


This preview shows how white text looks on a background with the Hex color 009D91.

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
269AA6

Trichromacy



Original Color
009D91



Protanomaly
5B918A



Deuteranomaly
5E8F94



Tritanomaly
189B9E

Monochromacy



Original Color
009D91



Achromatopsia
6D6D6D



Achromatomaly
457E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009D91 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 #009D91 looks like.

```
.text, #text, p{  
    color:#009D91  
}
```

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 #009D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009D91
}
```

Border

The CSS property to change the border of an element to Hex 009D91 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
#009D91 }
```

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

```
.border{ border-color:#009D91 }
```

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

Here you see how a box with a 4 pixel #009D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009D91; -webkit-box-shadow:4px 4px  
4px 4px #009D91; box-shadow:4px 4px 4px  
4px #009D91 }
```

Background

The CSS property to change the background color of an element to Hex 009D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009D91 }
```

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

```
.background{ background-color:#009D91 }
```

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