

Converting Colors

Hex(09D794)

Have a look what the booklet for
Hex(09D794) contains.

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Color

Hex(09D794)

Conversions

Conversions Part 1

Format	Color
Hex	09D794
RGB	9, 215, 148
RGB Percent	4%, 84%, 58%
CMY	0.9647, 0.1569, 0.4196
CMYK	0.96, 0.00, 0.31, 0.16
HSL	160°, 92%, 44%
HSV	160°, 96%, 84%
XYZ	29.7584, 50.7971, 36.2534
YIQ	145.7680, -101.2690, -64.5090

Conversions

Conversions Part 2

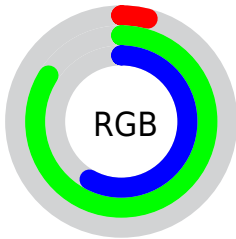
Format	Color
RYB	9, 132, 215
Decimal	645012
CIELab	76.56, -59.43, 20.96
CIELCh	77, 63.019, 160.574
Yxy	50.7971, 0.2548, 0.4349
Android (android.graphics.Color)	4278835092 (0xFF09D794)
YUV	145.7680, 1.1004, -119.9455
Hunter-Lab	71.2721, -50.1966, 19.7319

Details

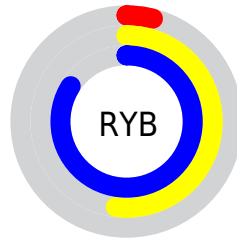
The Hex color **09D794** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D7094C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6AFFCA**, and **009F61** is the 20% darker color. If you saturate the color by 10%, you get **00D791**, and if you desaturate by 10%, it is **1ED79B**.

Distribution



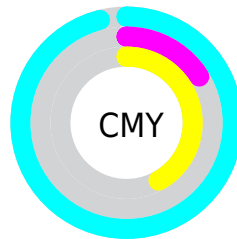
- Red (4%)
- Green (84%)
- Blue (58%)



- Red (4%)
- Yellow (52%)
- Blue (84%)



- Cyan (96%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09D794 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 09D794 by changing the saturation by 10% instead.

 09D794

 09D794

FFFFFF

 00BB7A

 6AFFCA

 009F61

 8BFFE6

 008449

 ABFFFF

 006932

 CAFFFF

 00501C

 E9FFFF

 003704

 001F00

 000000

 09D794

 09D794

■ 00D791

■ 1ED79B

■ 34D7A2

■ 4AD7A9

■ 5FD7B0

■ 75D7B7

■ 8AD7BE

■ A0D7C5

■ B5D7CC

■ CBD7D3

Harmonies

Analogous

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



8ACF60



09D794



00DAD0

Triad

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



09D794



77BCFF



FF9674

Complementary

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



09D794



D7094C

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.



FF89AA



09D794



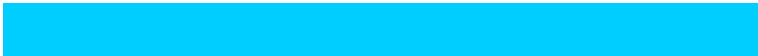
DBA5FF

Square

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



09D794



00CEFF



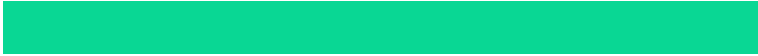
FF8FE5



FCAC4C

Rectangle

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



09D794



00D9F7



FF8FE5



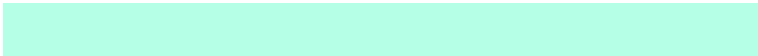
FF9085

Sweetspot

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



09D794



B5FFE7



4ED709



538071



000000



808080

Same Dimension

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



09D794



00FFAC



09B5D7



606B68



00AB73



002B1D

Inverse Universe

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



D7094C



FF0053



D72B09



6B6064



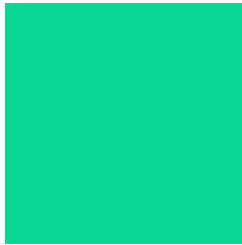
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color 09D794 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 09D794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

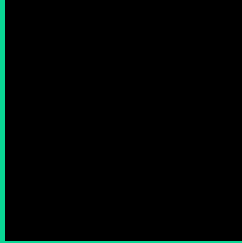
Any Text WCAG AA ✓ Pass

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 09D794 Background



This preview shows how black text looks on a background with the Hex color 09D794.

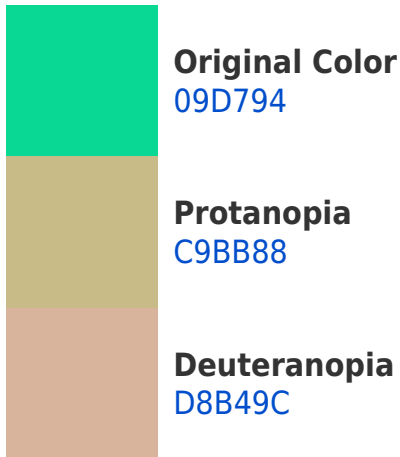


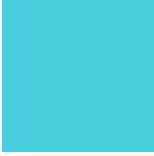
This preview shows how white text looks on a background with the Hex color 09D794.

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](#).

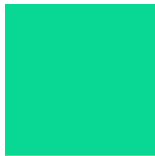
Dichromacy





Tritanopia
49CEDE

Trichromacy



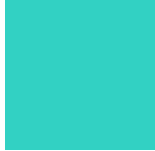
Original Color
09D794



Protanomaly
83C58C



Deuteranomaly
8DC199



Tritanomaly
32D1C3

Monochromacy



Original Color
09D794



Achromatopsia
929292



Achromatomaly
60AB93

CSS Examples

Text

The CSS property to change the color of the text to Hex 09D794 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 #09D794 looks like.

```
.text, #text, p{  
    color:#09D794  
}
```

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 #09D794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09D794
}
```

Border

The CSS property to change the border of an element to Hex 09D794 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
#09D794 }
```

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

```
.border{ border-color:#09D794 }
```

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

Here you see how a box with a 4 pixel #09D794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09D794; -webkit-box-shadow:4px 4px  
4px 4px #09D794; box-shadow:4px 4px 4px  
4px #09D794 }
```

Background

The CSS property to change the background color of an element to Hex 09D794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09D794 }
```

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

```
.background{ background-color:#09D794 }
```

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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