

Converting Colors

Hex(00D48A)

Have a look what the booklet for
Hex(00D48A) contains.

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Color

Hex(00D48A)

Conversions

Conversions Part 1

Format	Color
Hex	00D48A
RGB	0, 212, 138
RGB Percent	0%, 83%, 54%
CMY	1.0000, 0.1686, 0.4588
CMYK	1.00, 0.00, 0.35, 0.17
HSL	159°, 100%, 42%
HSV	159°, 100%, 83%
XYZ	28.1309, 48.9219, 32.0050
YIQ	140.1760, -102.5980, -67.9580

Conversions

Conversions Part 2

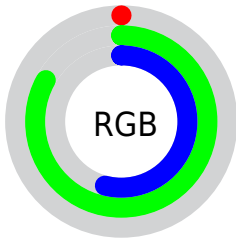
Format	Color
RYB	0, 128, 212
Decimal	54410
CIELab	75.40, -60.77, 24.61
CIELCh	75, 65.562, 157.951
Yxy	48.9219, 0.2579, 0.4486
Android (android.graphics.Color)	4278244490 (0xFF00D48A)
YUV	140.1760, -1.0728, -122.9344
Hunter-Lab	69.9442, -50.6113, 21.8311

Details

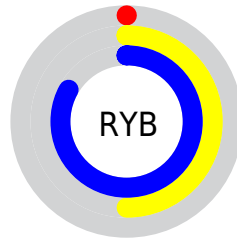
The Hex color **00D48A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D4004A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFC0**, and **009C57** is the 20% darker color. If you saturate the color by 10%, you get **00D48A**, and if you desaturate by 10%, it is **15D491**.

Distribution



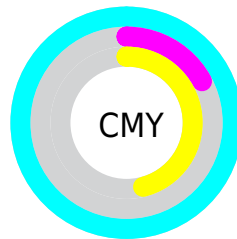
- Red (0%)
- Green (83%)
- Blue (54%)



- Red (0%)
- Yellow (50%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D48A 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 00D48A by changing the saturation by 10% instead.

 00D48A

 00D48A

FFFFFF

 00B870

 68FFC0

 009C57

 89FFDC

 008140

 A8FFF9

 006629

 C7FFFF

 004D12

 E6FFFF

 003500

 001B00

 000000

 00D48A

 15D491

 2AD499

 40D4A0

 55D4A8

 6AD4AF

 7FD4B6

 94D4BE

 AAD4C5

 BFD4CD

Harmonies

Analogous

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



8BCB55



00D48A



00D7C9

Triad

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



00D48A



5FB8FF



FF8F72

Complementary

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



00D48A



D4004A

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.



FF82AC



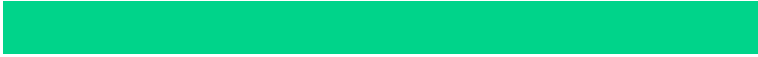
00D48A



D2A3FF

Square

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



00D48A



00CCFF



FF8BE8



FEA646

Rectangle

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



00D48A



00D6F1



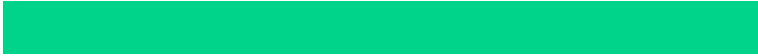
FF8BE8



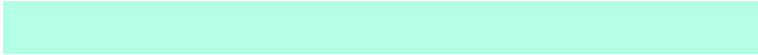
FF8985

Sweetspot

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



00D48A



B3FFE4



4AD400



52806F



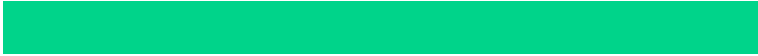
000000



808080

Same Dimension

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



00D48A



00FFA6



00B4D4



606B67



00AB6F



002B1C

Inverse Universe

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



D4004A



FF0059



D42000



6B6064



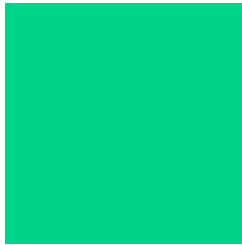
AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 00D48A 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 00D48A 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 00D48A Background



This preview shows how black text looks on a background with the Hex color 00D48A.

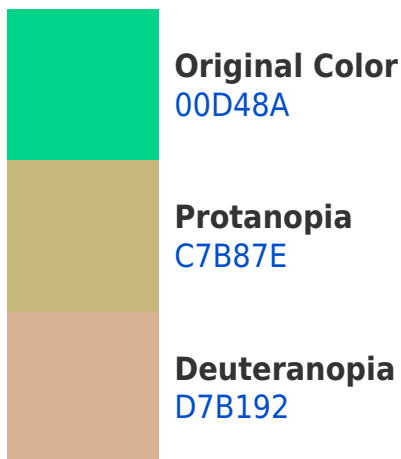


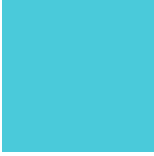
This preview shows how white text looks on a background with the Hex color 00D48A.

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





Trichromacy



Original Color
00D48A



Protanomaly
7FC282



Deuteranomaly
89BE8F



Tritanomaly
2FCEBD

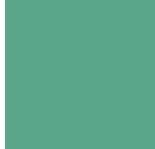
Monochromacy



Original Color
00D48A



Achromatopsia
8C8C8C



Achromatomaly
59A68B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D48A 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 #00D48A looks like.

```
.text, #text, p{  
    color:#00D48A  
}
```

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 #00D48A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D48A
}
```

Border

The CSS property to change the border of an element to Hex 00D48A 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
#00D48A }
```

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

```
.border{ border-color:#00D48A }
```

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

Here you see how a box with a 4 pixel #00D48A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D48A; -webkit-box-shadow:4px 4px  
4px 4px #00D48A; box-shadow:4px 4px 4px  
4px #00D48A }
```

Background

The CSS property to change the background color of an element to Hex 00D48A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D48A }
```

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

```
.background{ background-color:#00D48A }
```

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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