

Converting Colors

Hex(00D08A)

Have a look what the booklet for
Hex(00D08A) contains.

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Color

Hex(00D08A)

Conversions

Conversions Part 1

Format	Color
Hex	00D08A
RGB	0, 208, 138
RGB Percent	0%, 82%, 54%
CMY	1.0000, 0.1843, 0.4588
CMYK	1.00, 0.00, 0.34, 0.18
HSL	160°, 100%, 41%
HSV	160°, 100%, 82%
XYZ	27.1433, 46.9467, 31.6758
YIQ	137.8280, -101.4980, -65.8660

Conversions

Conversions Part 2

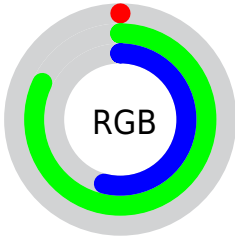
Format	Color
RYB	0, 125, 208
Decimal	53386
CIELab	74.16, -59.34, 22.92
CIELCh	74, 63.610, 158.881
Yxy	46.9467, 0.2566, 0.4439
Android (android.graphics.Color)	4278243466 (0xFF00D08A)
YUV	137.8280, 0.0848, -120.8752
Hunter-Lab	68.5177, -49.1931, 20.5526

Details

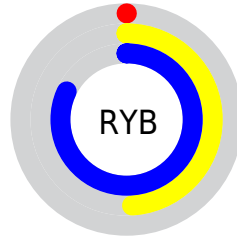
The Hex color **00D08A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D00046**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **67FFC0**, and **009858** is the 20% darker color. If you saturate the color by 10%, you get **00D08A**, and if you desaturate by 10%, it is **15D091**.

Distribution



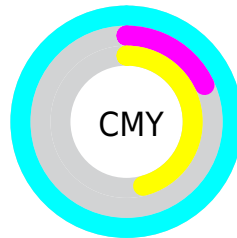
- Red (0%)
- Green (82%)
- Blue (54%)



- Red (0%)
- Yellow (49%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D08A 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 00D08A by changing the saturation by 10% instead.

 00D08A

 00D08A

FFFFFF

 00B470

 67FFC0

 009858

 87FFDC

 007D40

 A7FFF8

 006329

 C6FFFF

 004913

 E5FFFF

 003300

 001700

 000000

 00D08A

 15D091

 2AD098

 3ED09F

 53D0A6

 68D0AD

 7DD0B4

 92D0BB

 A6D0C2

 BBD0C9

Harmonies

Analogous

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



87C856



00D08A



00D3C7

Triad

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



00D08A



65B7FF



FF8E70

Complementary

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



00D08A



D00046

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.



FF81A7



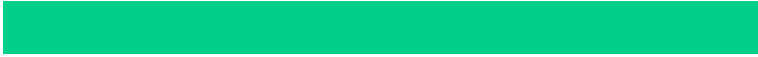
00D08A



D0A0FF

Square

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



00D08A



00C8FF



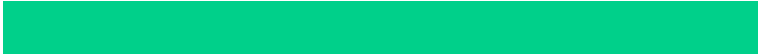
FF89E2



F8A446

Rectangle

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



00D08A



00D2ED



FF89E2



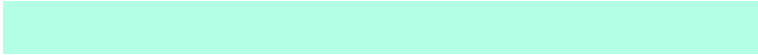
FF8881

Sweetspot

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



00D08A



B3FFE5



49D000



528070



000000



808080

Same Dimension

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



00D08A



00FFA9



00B1D0



5E6965



00A870



00291B

Inverse Universe

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



D00046



FF0056



D01F00



695E62



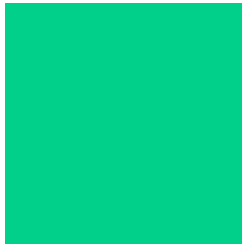
A80039



29000E

Previews

White Background



This preview shows how the Hex color 00D08A 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 00D08A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

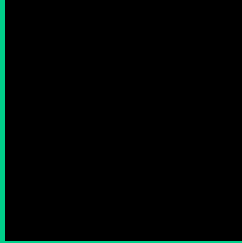
Any Text WCAG AA ✓ Pass

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 00D08A Background



This preview shows how black text looks on a background with the Hex color 00D08A.

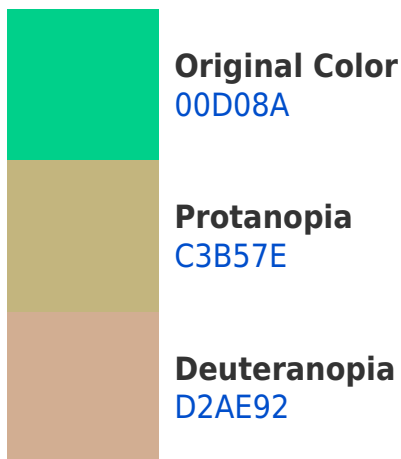


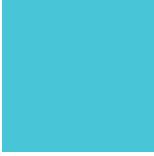
This preview shows how white text looks on a background with the Hex color 00D08A.

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
48C6D7

Trichromacy



Original Color

00D08A



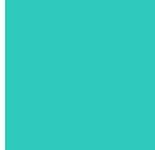
Protanomaly

7CBF82



Deuteranomaly

86BA8F



Tritanomaly

2ECABB

Monochromacy



Original Color

00D08A



Achromatopsia

8A8A8A



Achromatomaly

58A38A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D08A 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 #00D08A looks like.

```
.text, #text, p{  
    color:#00D08A  
}
```

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 #00D08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D08A
}
```

Border

The CSS property to change the border of an element to Hex 00D08A 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
#00D08A }
```

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

```
.border{ border-color:#00D08A }
```

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

Here you see how a box with a 4 pixel #00D08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D08A; -webkit-box-shadow:4px 4px  
4px 4px #00D08A; box-shadow:4px 4px 4px  
4px #00D08A }
```

Background

The CSS property to change the background color of an element to Hex 00D08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D08A }
```

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

```
.background{ background-color:#00D08A }
```

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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