

Converting Colors

Hex(00D68C)

Have a look what the booklet for
Hex(00D68C) contains.

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Color

Hex(00D68C)

Conversions

Conversions Part 1

Format	Color
Hex	00D68C
RGB	0, 214, 140
RGB Percent	0%, 84%, 55%
CMY	1.0000, 0.1608, 0.4510
CMYK	1.00, 0.00, 0.35, 0.16
HSL	159°, 100%, 42%
HSV	159°, 100%, 84%
XYZ	28.7802, 49.9866, 32.9424
YIQ	141.5780, -103.7900, -68.3820

Conversions

Conversions Part 2

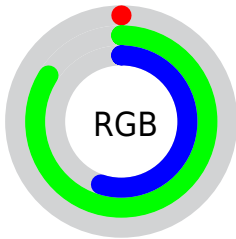
Format	Color
RYB	0, 129, 214
Decimal	54924
CIELab	76.06, -61.06, 24.46
CIELCh	76, 65.778, 158.169
Yxy	49.9866, 0.2576, 0.4475
Android (android.graphics.Color)	4278245004 (0xFF00D68C)
YUV	141.5780, -0.7780, -124.1639
Hunter-Lab	70.7012, -51.0654, 21.8653

Details

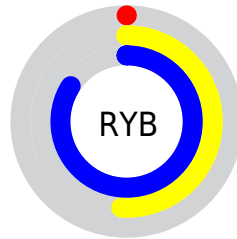
The Hex color **00D68C** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D6004A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **68FFC2**, and **009E59** is the 20% darker color. If you saturate the color by 10%, you get **00D68C**, and if you desaturate by 10%, it is **15D693**.

Distribution



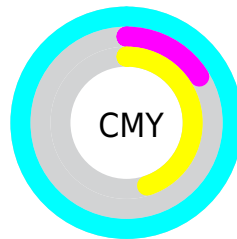
- Red (0%)
- Green (84%)
- Blue (55%)



- Red (0%)
- Yellow (51%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D68C 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 00D68C by changing the saturation by 10% instead.

 00D68C

FFFFFF

 68FFC2

 89FFDE

 A9FFFB

 C8FFFF

 E7FFFF

 00D68C

 00BA72

 009E59

 008341

 00682A

 004F14

 003700

 001D00

 000000

 00D68C

 15D693

 2BD69B

 40D6A2

 56D6AA

 6BD6B1

 80D6B8

 96D6C0

 ABD6C7

 C1D6CF

Harmonies

Analogous

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



8CCD56



00D68C



00D9CB

Triad

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



00D68C



62BDFE



FF9174

Complementary

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



00D68C



D6004A

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.



FF84AD



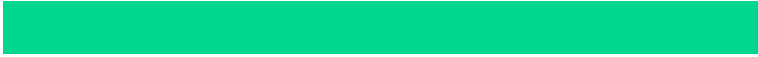
00D68C



D5A4FF

Square

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



00D68C



00CEFF



FF8DEA



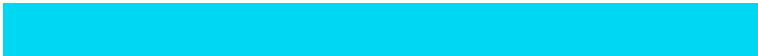
FFA847

Rectangle

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



00D68C



00D8F3



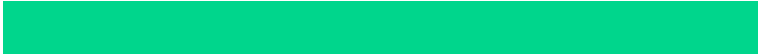
FF8DEA



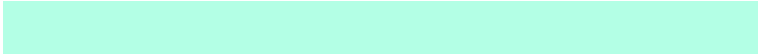
FF8B86

Sweetspot

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



00D68C



B3FFE5



4BD600



528070



000000



808080

Same Dimension

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



00D68C



00FFA7



00B6D6



606B67



00AB70



002B1C

Inverse Universe

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



D6004A



FF0058



D62000



6B6064



AB003B



2B000F

Previews

White Background



This preview shows how the Hex color 00D68C 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 00D68C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

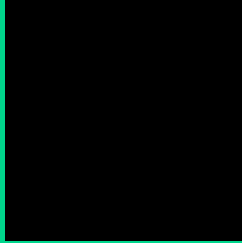
Any Text WCAG AA ✓ Pass

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 00D68C Background



This preview shows how black text looks on a background with the Hex color 00D68C.



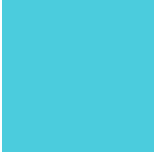
This preview shows how white text looks on a background with the Hex color 00D68C.

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
4BCCDD

Trichromacy



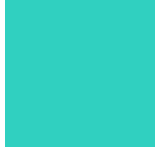
Original Color
00D68C



Protanomaly
80C484



Deuteranomaly
8AC091



Tritanomaly
30D0C0

Monochromacy



Original Color
00D68C



Achromatopsia
8E8E8E



Achromatomaly
5AA88D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D68C 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 #00D68C looks like.

```
.text, #text, p{  
    color:#00D68C  
}
```

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 #00D68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D68C
}
```

Border

The CSS property to change the border of an element to Hex 00D68C 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
#00D68C }
```

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

```
.border{ border-color:#00D68C }
```

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

Here you see how a box with a 4 pixel #00D68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D68C; -webkit-box-shadow:4px 4px  
4px 4px #00D68C; box-shadow:4px 4px 4px  
4px #00D68C }
```

Background

The CSS property to change the background color of an element to Hex 00D68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D68C }
```

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

```
.background{ background-color:#00D68C }
```

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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