

Converting Colors

Hex(00D38E)

Have a look what the booklet for
Hex(00D38E) contains.

Hex(00D38E)	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(00D38E)

Conversions

Conversions Part 1

Format	Color
Hex	00D38E
RGB	0, 211, 142
RGB Percent	0%, 83%, 56%
CMY	1.0000, 0.1725, 0.4431
CMYK	1.00, 0.00, 0.33, 0.17
HSL	160°, 100%, 41%
HSV	160°, 100%, 83%
XYZ	28.1768, 48.5415, 33.4756
YIQ	140.0450, -103.6070, -66.1910

Conversions

Conversions Part 2

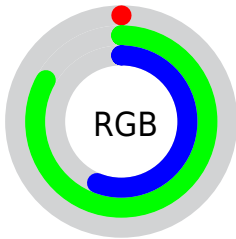
Format	Color
RYB	0, 126, 211
Decimal	54158
CIELab	75.17, -59.56, 22.20
CIELCh	75, 63.564, 159.562
Yxy	48.5415, 0.2557, 0.4405
Android (android.graphics.Color)	4278244238 (0xFF00D38E)
YUV	140.0450, 0.9638, -122.8195
Hunter-Lab	69.6717, -49.7363, 20.2828

Details

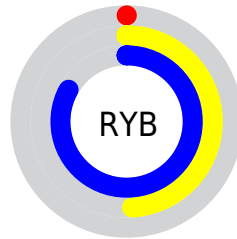
The Hex color **00D38E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D30045**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFC4**, and **009B5B** is the 20% darker color. If you saturate the color by 10%, you get **00D38E**, and if you desaturate by 10%, it is **15D395**.

Distribution



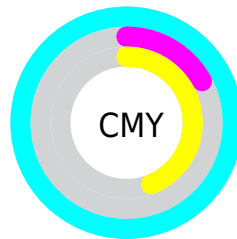
- Red (0%)
- Green (83%)
- Blue (56%)



- Red (0%)
- Yellow (49%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D38E 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 00D38E by changing the saturation by 10% instead.

 00D38E

 00D38E

FFFFFF

 00B774

 68FFC4

 009B5B

 88FFE0

 008043

 A8FFFD

 00662C

 C7FFFF

 004C16

 E6FFFF

 003500

 001B00

 000000

 00D38E

 15D395

 2AD39C

 3FD3A3

 54D3AA

 6AD3B1

 7FD3B7

 94D3BE

 A9D3C5

 BED3CC

Harmonies

Analogous

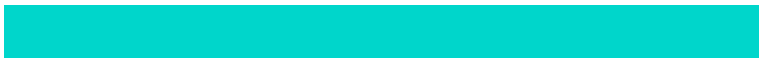
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88CB5A



00D38E



00D6CB

Triad

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



00D38E



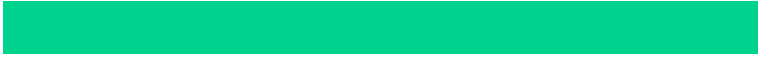
6DB9FF



FF9171

Complementary

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



00D38E



D30045

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.



FF84A9



00D38E



D5A2FF

Square

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



00D38E



00CAFF



FF8CE3



FAA748

Rectangle

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



00D38E



00D5F1



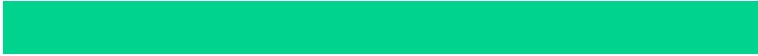
FF8CE3



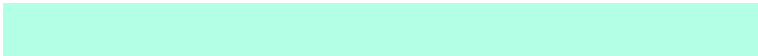
FF8B83

Sweetspot

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



00D38E



B3FFE6



46D300



528070



000000



808080

Same Dimension

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



00D38E



00FFAC



00B0D3



5E6965



00A871



00291B

Inverse Universe

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



D30045



FF0053



D32300



695E62



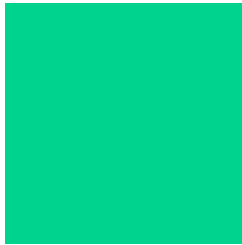
A80037



29000D

Previews

White Background



This preview shows how the Hex color 00D38E 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 00D38E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

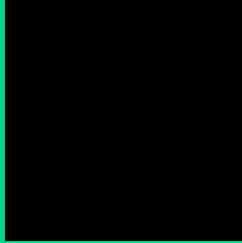
Any Text WCAG AA ✓ Pass

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 00D38E Background



This preview shows how black text looks on a background with the Hex color 00D38E.

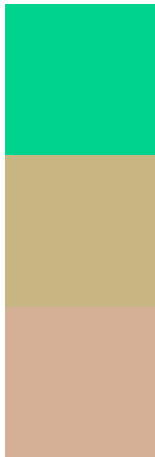


This preview shows how white text looks on a background with the Hex color 00D38E.

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](#).

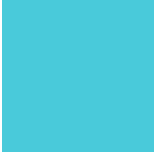
Dichromacy



Original Color
00D38E

Protanopia
C6B782

Deuteranopia
D5B096



Trichromacy



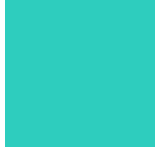
Original Color
00D38E



Protanomaly
7EC186



Deuteranomaly
88BD93



Tritanomaly
2ECDBE

Monochromacy



Original Color
00D38E



Achromatopsia
8C8C8C



Achromatomaly
59A68D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D38E 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 #00D38E looks like.

```
.text, #text, p{  
    color:#00D38E  
}
```

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 #00D38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D38E
}
```

Border

The CSS property to change the border of an element to Hex 00D38E 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
#00D38E }
```

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

```
.border{ border-color:#00D38E }
```

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

Here you see how a box with a 4 pixel #00D38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D38E; -webkit-box-shadow:4px 4px  
4px 4px #00D38E; box-shadow:4px 4px 4px  
4px #00D38E }
```

Background

The CSS property to change the background color of an element to Hex 00D38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D38E }
```

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

```
.background{ background-color:#00D38E }
```

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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