

Converting Colors

Hex(00D58E)

Have a look what the booklet for
Hex(00D58E) contains.

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Color

Hex(00D58E)

Conversions

Conversions Part 1

Format	Color
Hex	00D58E
RGB	0, 213, 142
RGB Percent	0%, 84%, 56%
CMY	1.0000, 0.1647, 0.4431
CMYK	1.00, 0.00, 0.33, 0.16
HSL	160°, 100%, 42%
HSV	160°, 100%, 84%
XYZ	28.6767, 49.5415, 33.6422
YIQ	141.2190, -104.1570, -67.2370

Conversions

Conversions Part 2

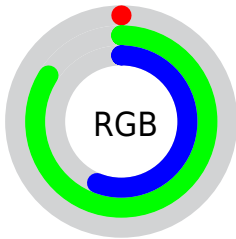
Format	Color
RYB	0, 128, 213
Decimal	54670
CIELab	75.79, -60.28, 23.04
CIELCh	76, 64.536, 159.079
Yxy	49.5415, 0.2564, 0.4429
Android (android.graphics.Color)	4278244750 (0xFF00D58E)
YUV	141.2190, 0.3850, -123.8491
Hunter-Lab	70.3857, -50.4501, 20.9312

Details

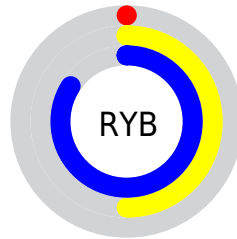
The Hex color **00D58E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D50047**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **68FFC4**, and **009D5B** is the 20% darker color. If you saturate the color by 10%, you get **00D58E**, and if you desaturate by 10%, it is **15D595**.

Distribution



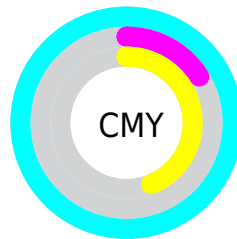
- Red (0%)
- Green (84%)
- Blue (56%)



- Red (0%)
- Yellow (50%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D58E 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 00D58E by changing the saturation by 10% instead.

 00D58E

 00D58E

FFFFFF

 00B974

 68FFC4

 009D5B

 89FFE0

 008243

 A8FFFD

 00672C

 C8FFFF

 004E16

 E7FFFF

 003600

 001D00

 000000

 00D58E

 15D595

 2BD59C

 40D5A3

 55D5AA

 6BD5B2

 80D5B9

 95D5C0

 AAD5C7

 C0D5CE

Harmonies

Analogous

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



8ACC59



00D58E



00D8CC

Triad

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



00D58E



6ABBFF



FF9273

Complementary

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



00D58E



D50047

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.



FF85AB



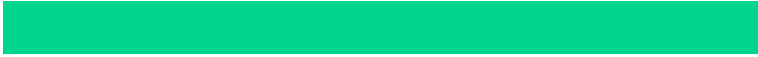
00D58E



D6A3FF

Square

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



00D58E



00CFFF



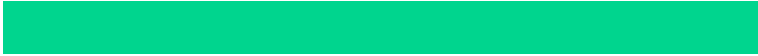
FF8DE7



FDA848

Rectangle

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



00D58E



00D7F3



FF8DE7



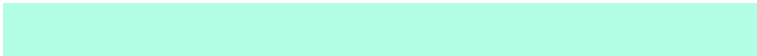
FF8C84

Sweetspot

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



00D58E



B3FFE5



47D500



528070



000000



808080

Same Dimension

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



00D58E



00FFAA



00B1D5



606B68



00AB72



002B1D

Inverse Universe

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



D50047



FF0055



D52300



6B6064



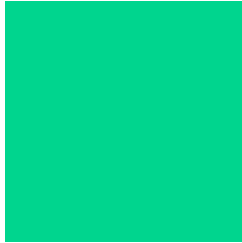
AB0039



2B000E

Previews

White Background



This preview shows how the Hex color 00D58E looks on a white background.

Color Contrast Check

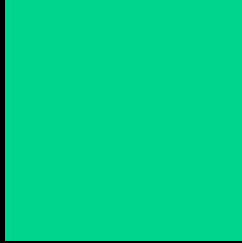
Large Text (above 18pt) WCAG AA × Fail

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 00D58E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

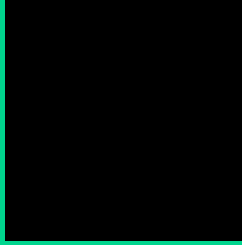
Any Text WCAG AA ✓ Pass

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 00D58E Background



This preview shows how black text looks on a background with the Hex color 00D58E.



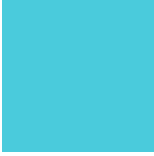
This preview shows how white text looks on a background with the Hex color 00D58E.

Color Blindness Simulation

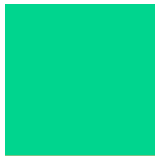
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



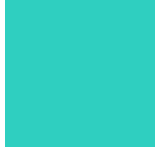
Original Color
00D58E



Protanomaly
7FC386

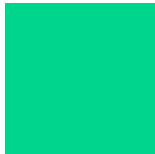


Deuteranomaly
89BF93



Tritanomaly
2FCFC0

Monochromacy



Original Color
00D58E



Achromatopsia
8D8D8D



Achromatomaly
5AA78D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D58E 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 #00D58E looks like.

```
.text, #text, p{  
    color:#00D58E  
}
```

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 #00D58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D58E
}
```

Border

The CSS property to change the border of an element to Hex 00D58E 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
#00D58E }
```

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

```
.border{ border-color:#00D58E }
```

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

Here you see how a box with a 4 pixel #00D58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D58E; -webkit-box-shadow:4px 4px  
4px 4px #00D58E; box-shadow:4px 4px 4px  
4px #00D58E }
```

Background

The CSS property to change the background color of an element to Hex 00D58E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D58E }
```

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

```
.background{ background-color:#00D58E }
```

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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