

Converting Colors

Hex(008980)

Have a look what the booklet for
Hex(008980) contains.

Hex(008980)	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(008980)

Conversions

Conversions Part 1

Format	Color
Hex	008980
RGB	0, 137, 128
RGB Percent	0%, 54%, 50%
CMY	1.0000, 0.4627, 0.4980
CMYK	1.00, 0.00, 0.07, 0.46
HSL	176°, 100%, 27%
HSV	176°, 100%, 54%
XYZ	12.8419, 19.4498, 23.4994
YIQ	95.0110, -78.7630, -31.8430

Conversions

Conversions Part 2

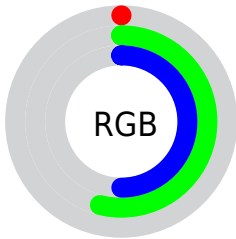
Format	Color
RYB	0, 71, 137
Decimal	35200
CIELab	51.21, -33.13, -4.09
CIELCh	51, 33.380, 187.036
Yxy	19.4498, 0.2302, 0.3486
Android (android.graphics.Color)	4278225280 (0xFF008980)
YUV	95.0110, 16.2636, -83.3246
Hunter-Lab	44.1020, -25.2015, -0.7209

Details

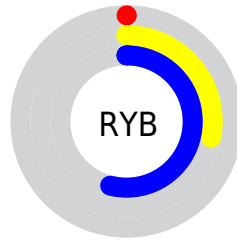
The Hex color **008980** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **890009**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **54BFB5**, and **00564F** is the 20% darker color. If you saturate the color by 10%, you get **008980**, and if you desaturate by 10%, it is **0E8981**.

Distribution



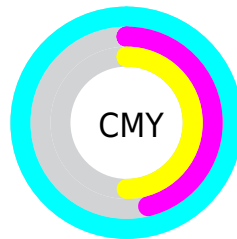
- Red (0%)
- Green (54%)
- Blue (50%)



- Red (0%)
- Yellow (28%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008980 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 008980 by changing the saturation by 10% instead.

 008980

 008980

FFFFFF

 006F67

 54BFB5

 00564F

 72DBD0

 003E38

 8FF8EC

 002823

 ACFFFF

 00090E

 C9FFFF

 000000

 E7FFFF

 008980

 0E8981

 1B8982

 298983

 378984

 458984

 528985

 608986

 6E8987

 7B8988

Harmonies

Analogous

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



428763



008980



00889B

Triad

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



008980



8670A8



9E7146

Complementary

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



008980



890009

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.



AE6759



008980



A36791

Square

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



008980



5A7BB2



B06374



867B40

Rectangle

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



008980



0085A9



B06374



A56D4B

Sweetspot

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



008980



7DB3AF



098900



395957



D9D9D9



595959

Same Dimension

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



008980



00B3A7



004E89



3E4544



00857C



000505

Inverse Universe

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



890009



B3000C



893B00



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 008980 looks on a white background.

Color Contrast Check

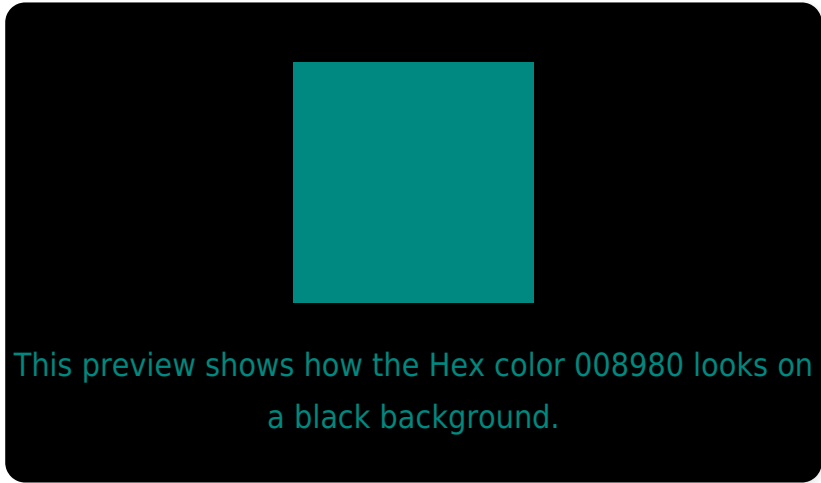
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

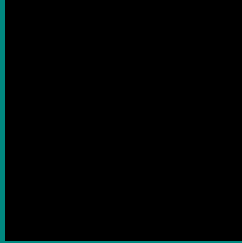
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008980 Background



This preview shows how black text looks on a background with the Hex color 008980.

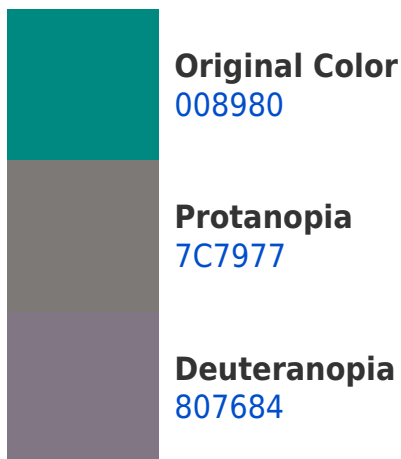


This preview shows how white text looks on a background with the Hex color 008980.

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
208691

Trichromacy



Original Color
008980



Protanomaly
4F7F7A



Deuteranomaly
517D83



Tritanomaly
14878B

Monochromacy



Original Color
008980



Achromatopsia
5F5F5F



Achromatomaly
3C6E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008980 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 #008980 looks like.

```
.text, #text, p{  
    color:#008980  
}
```

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 #008980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008980
}
```

Border

The CSS property to change the border of an element to Hex 008980 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
#008980 }
```

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

```
.border{ border-color:#008980 }
```

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

Here you see how a box with a 4 pixel #008980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008980; -webkit-box-shadow:4px 4px  
4px 4px #008980; box-shadow:4px 4px 4px  
4px #008980 }
```

Background

The CSS property to change the background color of an element to Hex 008980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008980 }
```

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

```
.background{ background-color:#008980 }
```

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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