

Converting Colors

Hex(008D8D)

Have a look what the booklet for
Hex(008D8D) contains.

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Color

Hex(008D8D)

Conversions

Conversions Part 1

Format	Color
Hex	008D8D
RGB	0, 141, 141
RGB Percent	0%, 55%, 55%
CMY	1.0000, 0.4471, 0.4471
CMYK	1.00, 0.00, 0.00, 0.45
HSL	180°, 100%, 28%
HSV	180°, 100%, 55%
XYZ	14.3326, 20.9728, 28.4921
YIQ	98.8410, -84.0360, -29.8920

Conversions

Conversions Part 2

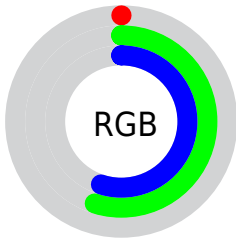
Format	Color
RYB	0, 71, 141
Decimal	36237
CIELab	52.92, -30.93, -9.10
CIELCh	53, 32.245, 196.386
Yxy	20.9728, 0.2247, 0.3287
Android (android.graphics.Color)	4278226317 (0xFF008D8D)
YUV	98.8410, 20.7844, -86.6836
Hunter-Lab	45.7961, -24.2789, -4.8300

Details

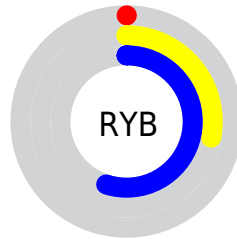
The Hex color **008D8D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D0000**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **57C3C3**, and **005A5B** is the 20% darker color. If you saturate the color by 10%, you get **008D8D**, and if you desaturate by 10%, it is **0E8D8D**.

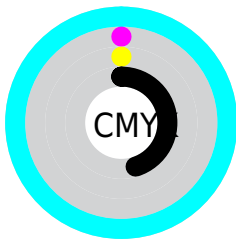
Distribution



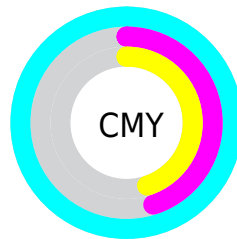
- Red (0%)
- Green (55%)
- Blue (55%)



- Red (0%)
- Yellow (28%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008D8D 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 008D8D by changing the saturation by 10% instead.

 008D8D

 008D8D

FFFFFF

 007373

 57C3C3

 005A5B

 75DFDE

 004244

 92FCFB

 002B2D

 AFFFFFF

 001319

 CDFFFF

 000000

 EBFFFF

 008D8D

 0E8D8D

 1C8D8D

 2A8D8D

 388D8D

 478D8D

 558D8D

 638D8D

 718D8D

 7F8D8D

Harmonies

Analogous

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



3D8C70



008D8D



008BA6

Triad

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



008D8D



9472A5



9B7848

Complementary

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



008D8D



8D0000

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.



AE6F57



008D8D



AC6A8C

Square

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



008D8D



6E7CB3



B46970



818148

Rectangle

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



008D8D



2887B0



B46970



A2754C

Sweetspot

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



008D8D



81B8B8



008D00



3B5C5C



DBDBDB



5C5C5C

Same Dimension

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



008D8D



00B8B8



00478D



404747



008787



000808

Inverse Universe

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



8D008D



B800B8



8D4700



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 008D8D looks on a white background.

Color Contrast Check

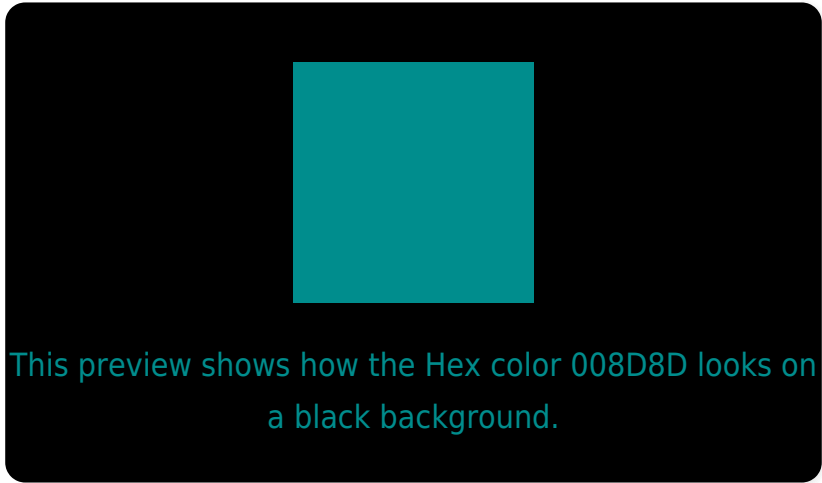
Large Text (above 18pt) WCAG AA ✓ Pass

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

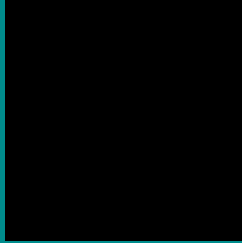
Any Text WCAG AA ✓ Pass

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 008D8D Background



This preview shows how black text looks on a background with the Hex color 008D8D.

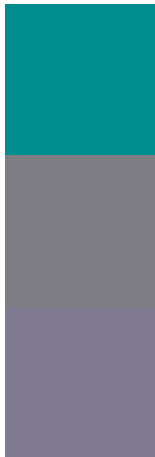


This preview shows how white text looks on a background with the Hex color 008D8D.

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
008D8D

Protanopia
7E7D83

Deuteranopia
817B91



Tritanopia
1A8B97

Trichromacy



Original Color
008D8D



Protanomaly
508387



Deuteranomaly
528290



Tritanomaly
118C93

Monochromacy



Original Color
008D8D



Achromatopsia
636363



Achromatomaly
3F7272

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D8D 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 #008D8D looks like.

```
.text, #text, p{  
    color:#008D8D  
}
```

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 #008D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D8D
}
```

Border

The CSS property to change the border of an element to Hex 008D8D 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
#008D8D }
```

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

```
.border{ border-color:#008D8D }
```

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

Here you see how a box with a 4 pixel #008D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D8D; -webkit-box-shadow:4px 4px  
4px 4px #008D8D; box-shadow:4px 4px 4px  
4px #008D8D }
```

Background

The CSS property to change the background color of an element to Hex 008D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D8D }
```

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

```
.background{ background-color:#008D8D }
```

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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