

Converting Colors

Hex(008D87)

Have a look what the booklet for
Hex(008D87) contains.

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Color

Hex(008D87)

Conversions

Conversions Part 1

Format	Color
Hex	008D87
RGB	0, 141, 135
RGB Percent	0%, 55%, 53%
CMY	1.0000, 0.4471, 0.4706
CMYK	1.00, 0.00, 0.04, 0.45
HSL	177°, 100%, 28%
HSV	177°, 100%, 55%
XYZ	13.8981, 20.7990, 26.2038
YIQ	98.1570, -82.1100, -31.7580

Conversions

Conversions Part 2

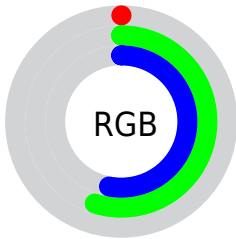
Format	Color
RYB	0, 72, 141
Decimal	36231
CIELab	52.73, -32.83, -5.91
CIELCh	53, 33.356, 190.197
Yxy	20.7990, 0.2282, 0.3415
Android (android.graphics.Color)	4278226311 (0xFF008D87)
YUV	98.1570, 18.1636, -86.0837
Hunter-Lab	45.6059, -25.4139, -2.1421

Details

The Hex color **008D87** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D0006**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **56C3BC**, and **005A55** is the 20% darker color. If you saturate the color by 10%, you get **008D87**, and if you desaturate by 10%, it is **0E8D88**.

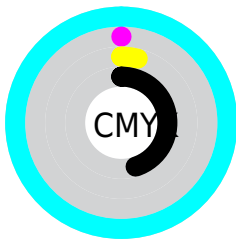
Distribution



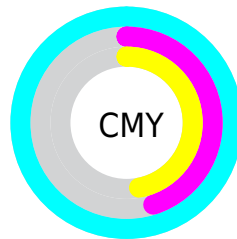
- Red (0%)
- Green (55%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008D87 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 008D87 by changing the saturation by 10% instead.

 008D87

 008D87

FFFFFF

 00736E

 56C3BC

 005A55

 74DFD8

 00423E

 91FCF4

 002B29

 AEFFFF

 001214

 CCFFFF

 000000

 EAFFFF

 008D87

 0E8D88

 1C8D88

 2A8D89

 388D89

 478D8A

 558D8B

 638D8B

 718D8C

 7F8D8C

Harmonies

Analogous

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



428C69



008D87



008BA2

Triad

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



008D87



8E73AA



A07648

Complementary

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



008D87



8D0006

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.



B16C5A



008D87



A96A92

Square

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



008D87



637DB6



B56775



877F44

Rectangle

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



008D87



0688AF



B56775



A7724D

Sweetspot

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



008D87



81B8B5



078D00



3B5C5A



DBDBDB



5C5C5C

Same Dimension

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



008D87



00B8B0



004E8D



404747



008781



000807

Inverse Universe

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



8D0006



B80008



8D3F00



474041



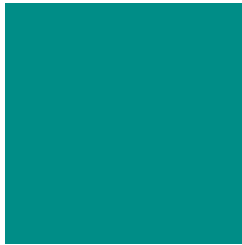
870006



080000

Previews

White Background



This preview shows how the Hex color 008D87 looks on a white background.

Color Contrast Check

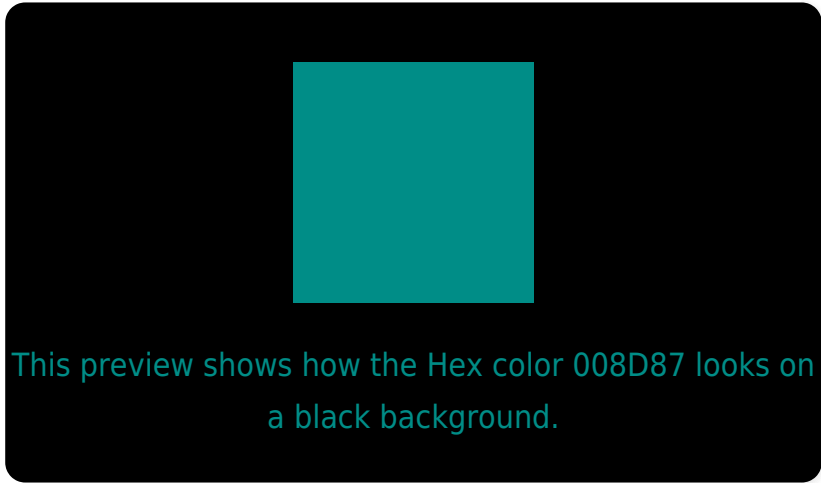
Large Text (above 18pt) WCAG AA ✓ Pass

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

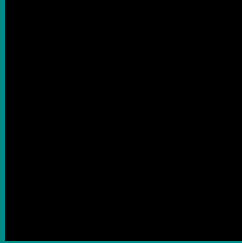
Any Text WCAG AA ✓ Pass

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 008D87 Background



This preview shows how black text looks on a background with the Hex color 008D87.

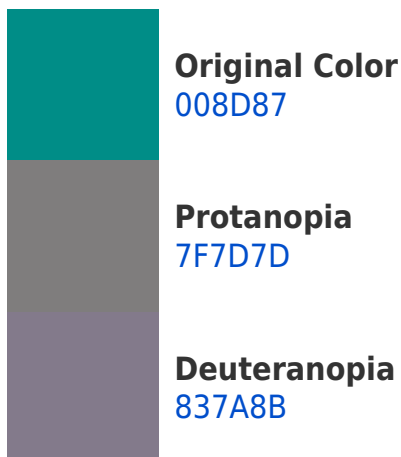


This preview shows how white text looks on a background with the Hex color 008D87.

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
1F8B96

Trichromacy



Original Color
008D87



Protanomaly
518381



Deuteranomaly
53818A



Tritanomaly
148C91

Monochromacy



Original Color
008D87



Achromatopsia
626262



Achromatomaly
3E726F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D87 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 #008D87 looks like.

```
.text, #text, p{  
    color:#008D87  
}
```

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 #008D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D87
}
```

Border

The CSS property to change the border of an element to Hex 008D87 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
#008D87 }
```

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

```
.border{ border-color:#008D87 }
```

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

Here you see how a box with a 4 pixel #008D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D87; -webkit-box-shadow:4px 4px  
4px 4px #008D87; box-shadow:4px 4px 4px  
4px #008D87 }
```

Background

The CSS property to change the background color of an element to Hex 008D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D87 }
```

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

```
.background{ background-color:#008D87 }
```

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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