

Converting Colors

Hex(008789)

Have a look what the booklet for
Hex(008789) contains.

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Color

Hex(008789)

Conversions

Conversions Part 1

Format	Color
Hex	008789
RGB	0, 135, 137
RGB Percent	0%, 53%, 54%
CMY	1.0000, 0.4706, 0.4627
CMYK	1.00, 0.01, 0.00, 0.46
HSL	181°, 100%, 27%
HSV	181°, 100%, 54%
XYZ	13.1793, 19.1341, 26.6655
YIQ	94.8630, -81.1020, -27.9980

Conversions

Conversions Part 2

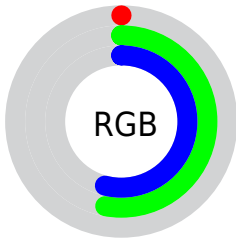
Format	Color
RYB	0, 68, 137
Decimal	34697
CIELab	50.84, -29.33, -9.88
CIELCh	51, 30.945, 198.623
Yxy	19.1341, 0.2235, 0.3244
Android (android.graphics.Color)	4278224777 (0xFF008789)
YUV	94.8630, 20.7735, -83.1949
Hunter-Lab	43.7425, -22.7686, -5.5235

Details

The Hex color **008789** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **890200**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **55BDBE**, and **005557** is the 20% darker color. If you saturate the color by 10%, you get **008789**, and if you desaturate by 10%, it is **0E8789**.

Distribution



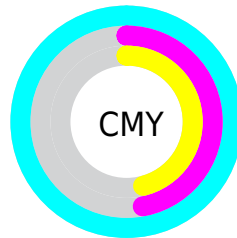
- Red (0%)
- Green (53%)
- Blue (54%)



- Red (0%)
- Yellow (27%)
- Blue (54%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008789 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 008789 by changing the saturation by 10% instead.

 008789

 008789

FFFFFF

 006D70

 55BDBE

 005557

 73D9DA

 003D40

 90F5F7

 00272A

 ADFFFF

 000716

 CAFFFF

 000000

 E8FFFF

 008789

 0E8789

 1B8789

 298889

 378889

 458889

 528889

 608889

 6E8989

 7B8989

Harmonies

Analogous

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



38866E



008789



0084A0

Triad

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



008789



906C9C



937445

Complementary

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



008789



890200

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.



A56B53



008789



A66584

Square

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



008789



6D76AB



AC656A



7A7D46

Rectangle

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



008789



2D81AA



AC656A



9A7148

Sweetspot

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



008789



7DB2B3



008900



395959



D9D9D9



595959

Same Dimension

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



008789



00B0B3



004589



3E4545



008385



000505

Inverse Universe

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



890087



B300B0



894500



453E45



850083



050005

Previews

White Background



This preview shows how the Hex color 008789 looks on a white background.

Color Contrast Check

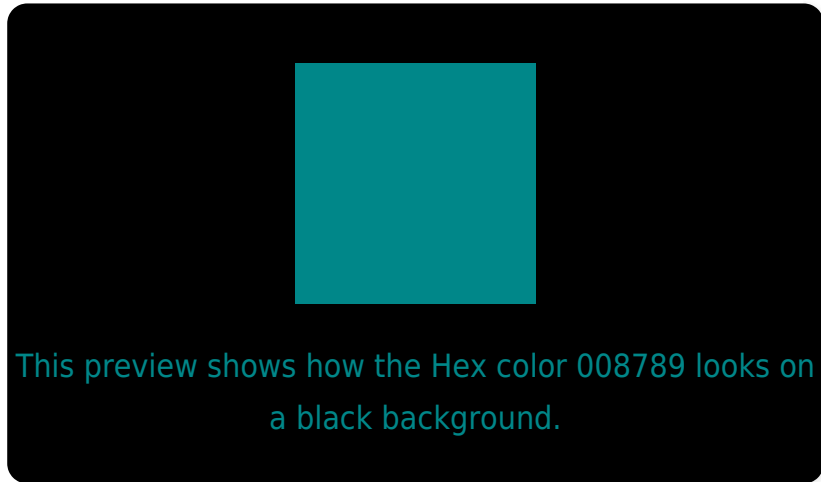
Large Text (above 18pt) WCAG AA ✓ Pass

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

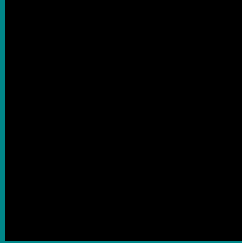
Any Text WCAG AA ✓ Pass

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 008789 Background



This preview shows how black text looks on a background with the Hex color 008789.

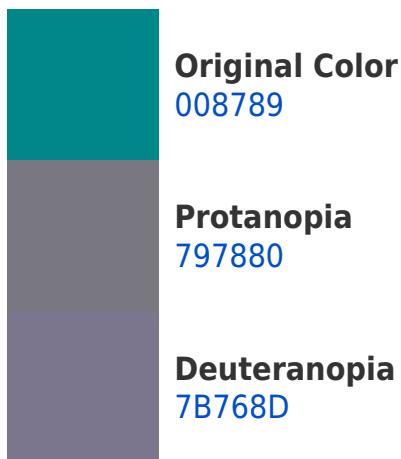


This preview shows how white text looks on a background with the Hex color 008789.

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
168691

Trichromacy



Original Color
008789



Protanomaly
4D7D83



Deuteranomaly
4E7C8C



Tritanomaly
0E868E

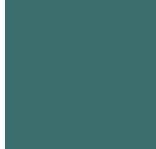
Monochromacy



Original Color
008789



Achromatopsia
5F5F5F



Achromatomaly
3C6E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008789 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 #008789 looks like.

```
.text, #text, p{  
    color:#008789  
}
```

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 #008789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008789
}
```

Border

The CSS property to change the border of an element to Hex 008789 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
#008789 }
```

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

```
.border{ border-color:#008789 }
```

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

Here you see how a box with a 4 pixel #008789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008789; -webkit-box-shadow:4px 4px  
4px 4px #008789; box-shadow:4px 4px 4px  
4px #008789 }
```

Background

The CSS property to change the background color of an element to Hex 008789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008789 }
```

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

```
.background{ background-color:#008789 }
```

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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