

Converting Colors

Hex(008579)

Have a look what the booklet for
Hex(008579) contains.

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Color

Hex(008579)

Conversions

Conversions Part 1

Format	Color
Hex	008579
RGB	0, 133, 121
RGB Percent	0%, 52%, 47%
CMY	1.0000, 0.4784, 0.5255
CMYK	1.00, 0.00, 0.09, 0.48
HSL	175°, 100%, 26%
HSV	175°, 100%, 52%
XYZ	11.8387, 18.1555, 20.9696
YIQ	91.8650, -75.4160, -31.9280

Conversions

Conversions Part 2

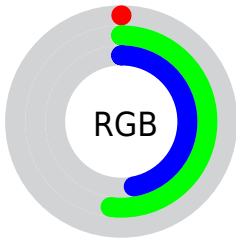
Format	Color
RYB	0, 70, 133
Decimal	34169
CIELab	49.68, -33.42, -2.25
CIELCh	50, 33.493, 183.850
Yxy	18.1555, 0.2323, 0.3562
Android (android.graphics.Color)	4278224249 (0xFF008579)
YUV	91.8650, 14.3636, -80.5656
Hunter-Lab	42.6093, -24.9712, 0.6478

Details

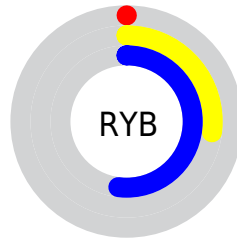
The Hex color **008579** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **85000C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53BBAD**, and **005249** is the 20% darker color. If you saturate the color by 10%, you get **008579**, and if you desaturate by 10%, it is **0D857A**.

Distribution



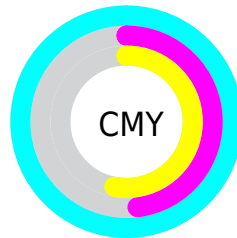
- Red (0%)
- Green (52%)
- Blue (47%)



- Red (0%)
- Yellow (27%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008579 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 008579 by changing the saturation by 10% instead.

 008579

 008579

FFFFFF

 006B60

 53BBAD

 005249

 70D7C9

 003B32

 8DF3E5

 00261D

 AAFFFF

 000004

 C7FFFF

 000000

 E4FFFF

 008579

 0D857A

 1B857B

 28857D

 35857E

 43857F

 508580

 5D8581

 6A8583

 788584

Harmonies

Analogous

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



43835C



008579



008495

Triad

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



008579



7E6DA5



9C6C43

Complementary

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



008579



85000C

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.



AA6358



008579



9D6390

Square

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



008579



5078AF



AB5F74



84763C

Rectangle

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



008579



0082A3



AB5F74



A26849

Sweetspot

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



008579



79ADA9



0D8500



375754



D6D6D6



575757

Same Dimension

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



008579



00AD9E



005085



3C4242



008276



000302

Inverse Universe

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



85000C



AD0010



853500



423C3C



82000C



030000

Previews

White Background



This preview shows how the Hex color 008579 looks on a white background.

Color Contrast Check

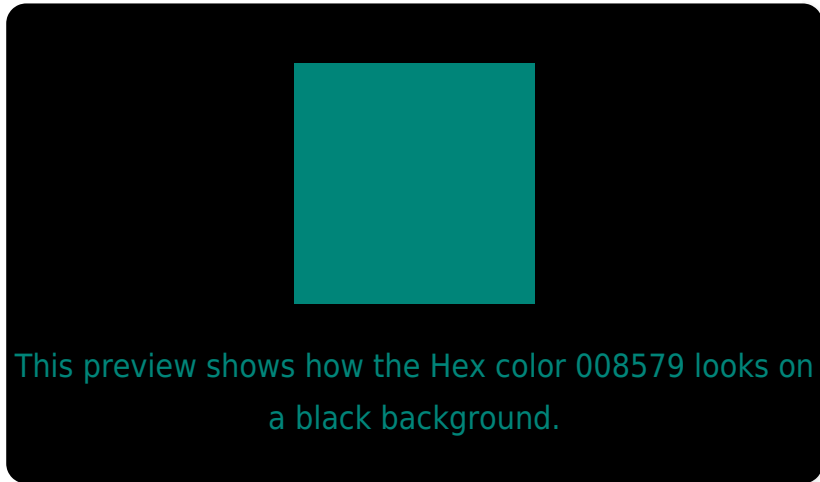
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

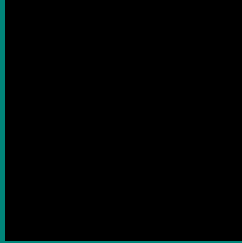
Any Text WCAG AA ✓ Pass

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 008579 Background



This preview shows how black text looks on a background with the Hex color 008579.

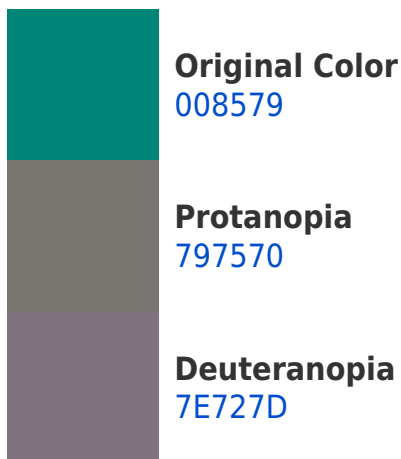


This preview shows how white text looks on a background with the Hex color 008579.

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
21828D

Trichromacy



Original Color
008579



Protanomaly
4D7B73



Deuteranomaly
50797C



Tritanomaly
158386

Monochromacy



Original Color
008579



Achromatopsia
5C5C5C



Achromatomaly
3B6B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 008579 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 #008579 looks like.

```
.text, #text, p{  
    color:#008579  
}
```

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 #008579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008579
}
```

Border

The CSS property to change the border of an element to Hex 008579 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
#008579 }
```

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

```
.border{ border-color:#008579 }
```

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

Here you see how a box with a 4 pixel #008579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008579; -webkit-box-shadow:4px 4px  
4px 4px #008579; box-shadow:4px 4px 4px  
4px #008579 }
```

Background

The CSS property to change the background color of an element to Hex 008579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008579 }
```

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

```
.background{ background-color:#008579 }
```

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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