

# Converting Colors

Hex(008577)

Have a look what the booklet for  
Hex(008577) contains.

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**Color**

**Hex(008577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008577
RGB	0, 133, 119
RGB Percent	0%, 52%, 47%
CMY	1.0000, 0.4784, 0.5333
CMYK	1.00, 0.00, 0.11, 0.48
HSL	174°, 100%, 26%
HSV	174°, 100%, 52%
XYZ	11.7173, 18.1070, 20.3302
YIQ	91.6370, -74.7740, -32.5500

# Conversions

## Conversions Part 2

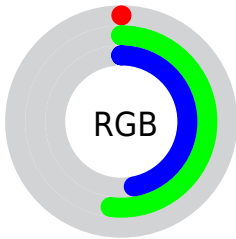
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 133
Decimal	34167
CIELab	49.63, -34.02, -1.16
CIELCh	50, 34.041, 181.960
Yxy	18.1070, 0.2336, 0.3610
Android (android.graphics.Color)	4278224247 (0xFF008577)
YUV	91.6370, 13.4900, -80.3656
Hunter-Lab	42.5523, -25.3143, 1.4596

# Details

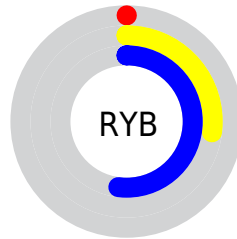
The Hex color **008577** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **85000E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52BBAB**, and **005247** is the 20% darker color. If you saturate the color by 10%, you get **008577**, and if you desaturate by 10%, it is **0D8578**.

# Distribution



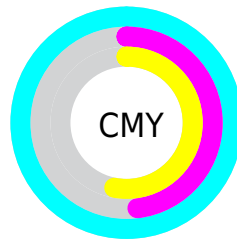
- Red (0%)
- Green (52%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 008577 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 008577 by changing the saturation by 10% instead.



 008577

 008577

FFFFFF

 006B5E

 52BBAB

 005247

 70D7C6

 003B30

 8CF3E2

 00261C

 A9FFFF

 000001

 C6FFFF

 000000

 E4FFFF

 008577

 0D8578

 1B857A

 28857B

 35857D

 43857E

 50857F

 5D8581

 6A8582

 788584

# Harmonies

## Analogous

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



44835A



008577



008494

# Triad

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



008577



7B6EA7



9E6B43

# Complementary

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



008577



85000E

# 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.



AB6259



008577



9C6392

# Square

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



008577



4B78AF



AC5E75



86753B

# Rectangle

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



008577



0082A3



AC5E75



A46749



# Sweetspot

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



008577



79ADA8



108500



375753



D6D6D6



575757



# Same Dimension

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



008577



00AD9B



005285



3C4242



008274



000302



# Inverse Universe

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



85000E



AD0012



853300



423C3C



82000E



030000



# Previews

## White Background



This preview shows how the Hex color 008577 looks on a white background.

## Color Contrast Check

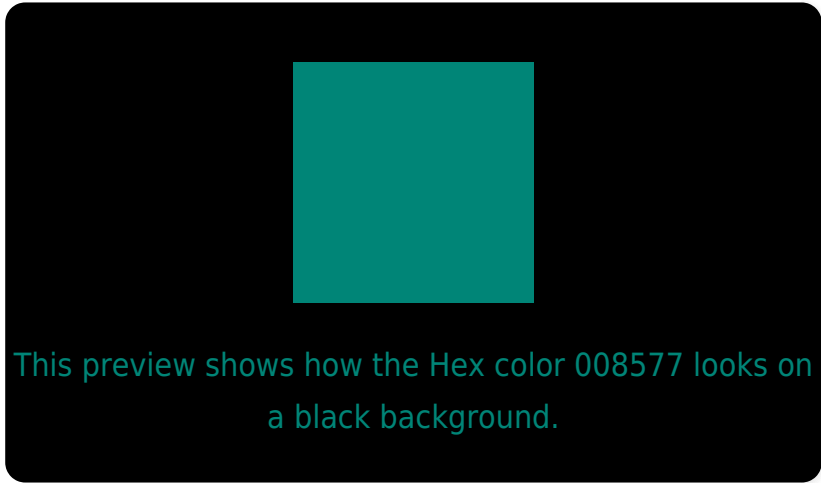
Large Text (above 18pt) WCAG AA ✓ Pass

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

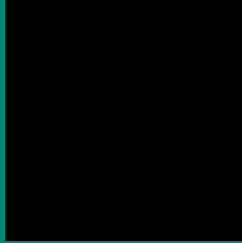
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008577 Background



This preview shows how black text looks on a background with the Hex color 008577.

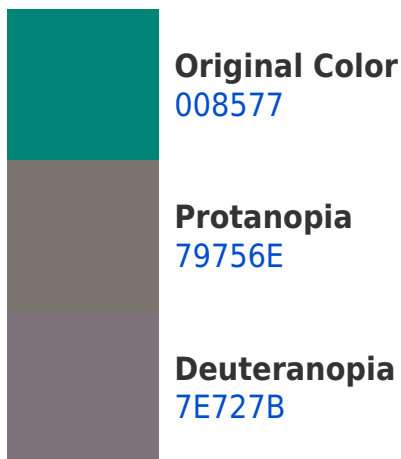


This preview shows how white text looks on a background with the Hex color 008577.

# 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**  
22828C

# Trichromacy



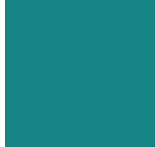
**Original Color**  
008577



**Protanomaly**  
4D7B71



**Deuteranomaly**  
50797A



**Tritanomaly**  
168384

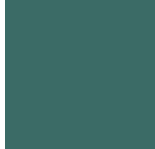
# Monochromacy



**Original Color**  
008577



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
3B6B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008577 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 #008577 looks like.

```
.text, #text, p{  
    color:#008577  
}
```

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 #008577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008577
}
```

## Border

The CSS property to change the border of an element to Hex 008577 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
#008577 }
```

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

```
.border{ border-color:#008577 }
```

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

Here you see how a box with a 4 pixel #008577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008577; -webkit-box-shadow:4px 4px  
4px 4px #008577; box-shadow:4px 4px 4px  
4px #008577 }
```

# Background

The CSS property to change the background color of an element to Hex 008577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008577 }
```

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

```
.background{ background-color:#008577 }
```

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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