

# Converting Colors

Hex(008275)

Have a look what the booklet for  
Hex(008275) contains.

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**Color**

**Hex(008275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008275
RGB	0, 130, 117
RGB Percent	0%, 51%, 46%
CMY	1.0000, 0.4902, 0.5412
CMYK	1.00, 0.00, 0.10, 0.49
HSL	174°, 100%, 25%
HSV	174°, 100%, 51%
XYZ	11.1935, 17.2496, 19.5692
YIQ	89.6480, -73.3070, -31.6030

# Conversions

## Conversions Part 2

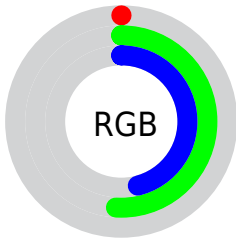
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 130
Decimal	33397
CIELab	48.57, -33.25, -1.53
CIELCh	49, 33.285, 182.642
Yxy	17.2496, 0.2331, 0.3593
Android (android.graphics.Color)	4278223477 (0xFF008275)
YUV	89.6480, 13.4845, -78.6213
Hunter-Lab	41.5327, -24.5744, 1.1369

# Details

The Hex color **008275** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **82000D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51B8A9**, and **005045** is the 20% darker color. If you saturate the color by 10%, you get **008275**, and if you desaturate by 10%, it is **0D8276**.

# Distribution



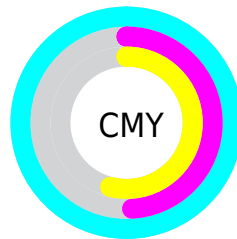
- Red (0%)
- Green (51%)
- Blue (46%)



- Red (0%)
- Yellow (27%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008275 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 008275 by changing the saturation by 10% instead.



 008275

 008275

FFFFFF

 00685C

 51B8A9

 005045

 6FD4C4

 00382F

 8BF0E0

 00241A

 A8FFFD

 000000

 C5FFFF

 E2FFFF

 008275

 0D8276

 1A8278

 278279

 34827A

 41827B

 4E827D

 5B827E

 68827F

 758281

# Harmonies

## Analogous

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



428059



008275



008191

# Triad

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



008275



796BA3



9A6942

# Complementary

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



008275



82000D

# 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.



A76056



008275



98618E

# Square

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



008275



4B75AB



A85C72



83733A

# Rectangle

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



008275



007F9F



A85C72



9F6548



# Sweetspot

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



008275



76A8A3



0D8200



365451



D4D4D4



545454



# Same Dimension

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



008275



00A897



004E82



39403F



008073



000000



# Inverse Universe

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



82000D



A80011



823400



40393A



80000D



000000



# Previews

## White Background



This preview shows how the Hex color 008275 looks on a white background.

## Color Contrast Check

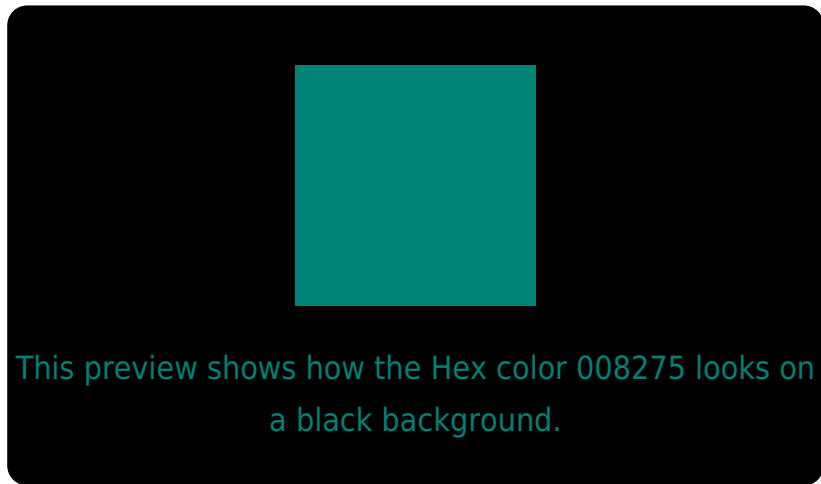
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

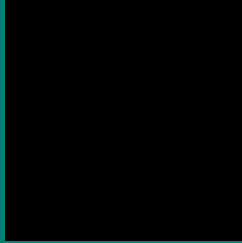
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 008275 Background



This preview shows how black text looks on a background with the Hex color 008275.

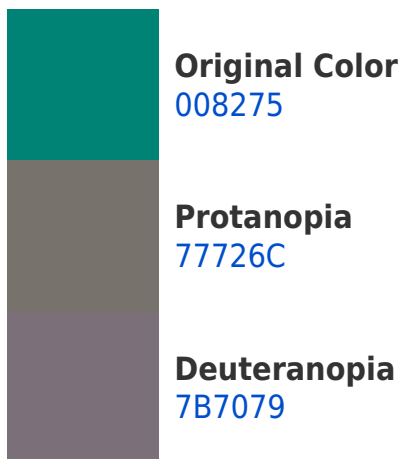


This preview shows how white text looks on a background with the Hex color 008275.

# 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**  
217F89

# Trichromacy



**Original Color**  
008275



**Protanomaly**  
4C786F



**Deuteranomaly**  
4E7778



**Tritanomaly**  
158082

# Monochromacy



**Original Color**  
008275



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008275 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 #008275 looks like.

```
.text, #text, p{  
    color:#008275  
}
```

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 #008275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008275
}
```

## Border

The CSS property to change the border of an element to Hex 008275 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
#008275 }
```

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

```
.border{ border-color:#008275 }
```

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

Here you see how a box with a 4 pixel #008275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008275; -webkit-box-shadow:4px 4px  
4px 4px #008275; box-shadow:4px 4px 4px  
4px #008275 }
```

# Background

The CSS property to change the background color of an element to Hex 008275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008275 }
```

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

```
.background{ background-color:#008275 }
```

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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