

Converting Colors

Hex(008673)

Have a look what the booklet for
Hex(008673) contains.

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Color

Hex(008673)

Conversions

Conversions Part 1

Format	Color
Hex	008673
RGB	0, 134, 115
RGB Percent	0%, 53%, 45%
CMY	1.0000, 0.4745, 0.5490
CMYK	1.00, 0.00, 0.14, 0.47
HSL	171°, 100%, 26%
HSV	171°, 100%, 53%
XYZ	11.6196, 18.2880, 19.1372
YIQ	91.7680, -73.7650, -34.3170

Conversions

Conversions Part 2

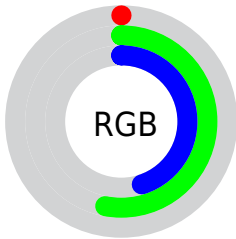
Format	Color
RYB	0, 72, 134
Decimal	34419
CIELab	49.84, -35.65, 1.49
CIELCh	50, 35.686, 177.602
Yxy	18.2880, 0.2369, 0.3729
Android (android.graphics.Color)	4278224499 (0xFF008673)
YUV	91.7680, 11.4534, -80.4805
Hunter-Lab	42.7645, -26.3373, 3.4027

Details

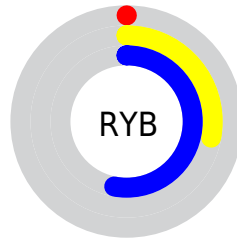
The Hex color **008673** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **860013**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52BCA7**, and **005343** is the 20% darker color. If you saturate the color by 10%, you get **008673**, and if you desaturate by 10%, it is **0D8675**.

Distribution



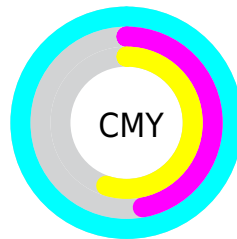
- Red (0%)
- Green (53%)
- Blue (45%)



- Red (0%)
- Yellow (28%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008673 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 008673 by changing the saturation by 10% instead.

 008673

 008673

FFFFFF

 006C5A

 52BCA7

 005343

 6FD8C2

 003B2D

 8CF5DE

 002618

 A9FFFA

 000000

 C6FFFF

 E4FFFF

 008673

 0D8675

 1B8677

 288679

 36867B

 43867D

 50867E

 5E8680

 6B8682

 798684

Harmonies

Analogous

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



488355



008673



008692

Triad

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



008673



7570AC



A36944

Complementary

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



008673



860013

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.



AF605C



008673



9A6497

Square

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



008673



3E7AB3



AD5E7A



8B7439

Rectangle

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



008673



0084A3



AD5E7A



A8664B

Sweetspot

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



008673



79ADA6



148600



375752



D6D6D6



575757

Same Dimension

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



008673



00AD95



005786



3C4241



008270



000302

Inverse Universe

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



860013



AD0019



862F00



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 008673 looks on a white background.

Color Contrast Check

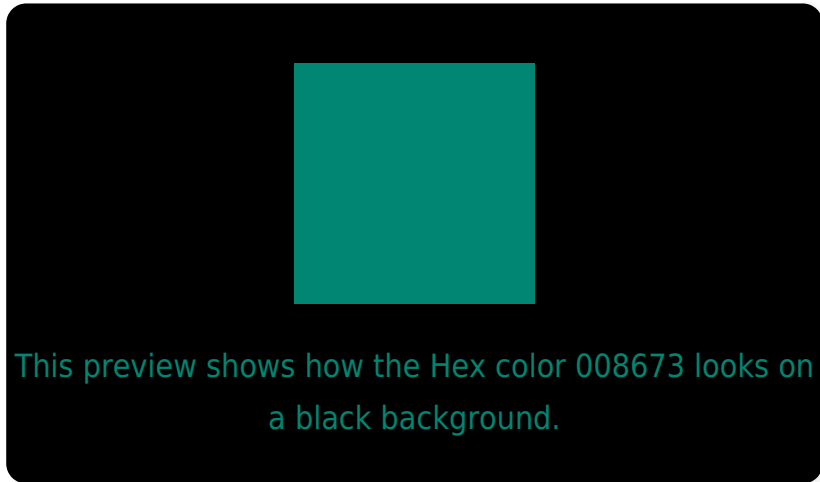
Large Text (above 18pt) WCAG AA ✓ Pass

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

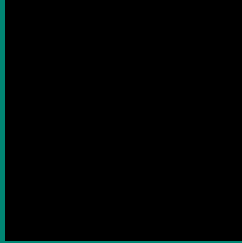
Any Text WCAG AA ✓ Pass

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 008673 Background



This preview shows how black text looks on a background with the Hex color 008673.

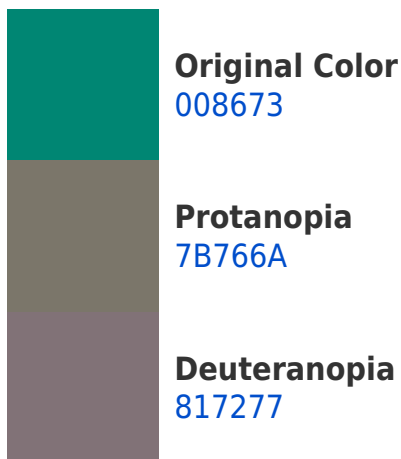


This preview shows how white text looks on a background with the Hex color 008673.

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
25828D

Trichromacy



Original Color
008673



Protanomaly
4E7C6D



Deuteranomaly
527976



Tritanomaly
188384

Monochromacy



Original Color
008673



Achromatopsia
5C5C5C



Achromatomaly
3B6B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 008673 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 #008673 looks like.

```
.text, #text, p{  
    color:#008673  
}
```

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 #008673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008673
}
```

Border

The CSS property to change the border of an element to Hex 008673 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
#008673 }
```

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

```
.border{ border-color:#008673 }
```

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

Here you see how a box with a 4 pixel #008673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008673; -webkit-box-shadow:4px 4px  
4px 4px #008673; box-shadow:4px 4px 4px  
4px #008673 }
```

Background

The CSS property to change the background color of an element to Hex 008673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008673 }
```

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

```
.background{ background-color:#008673 }
```

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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