

Converting Colors

Hex(008689)

Have a look what the booklet for
Hex(008689) contains.

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Color

Hex(008689)

Conversions

Conversions Part 1

Format	Color
Hex	008689
RGB	0, 134, 137
RGB Percent	0%, 53%, 54%
CMY	1.0000, 0.4745, 0.4627
CMYK	1.00, 0.02, 0.00, 0.46
HSL	181°, 100%, 27%
HSV	181°, 100%, 54%
XYZ	13.0405, 18.8563, 26.6192
YIQ	94.2760, -80.8270, -27.4750

Conversions

Conversions Part 2

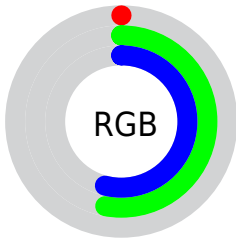
Format	Color
RYB	0, 68, 137
Decimal	34441
CIELab	50.52, -28.84, -10.37
CIElCh	51, 30.644, 199.779
Yxy	18.8563, 0.2229, 0.3222
Android (android.graphics.Color)	4278224521 (0xFF008689)
YUV	94.2760, 21.0629, -82.6801
Hunter-Lab	43.4239, -22.3872, -5.9486

Details

The Hex color **008689** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **890300**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BCBE**, and **005457** is the 20% darker color. If you saturate the color by 10%, you get **008689**, and if you desaturate by 10%, it is **0E8689**.

Distribution



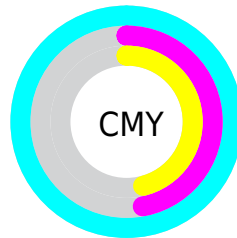
- Red (0%)
- Green (53%)
- Blue (54%)



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



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008689 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 008689 by changing the saturation by 10% instead.

 008689

 008689

FFFFFF

 006C70

 55BCBE

 005457

 73D8DA

 003C40

 90F4F7

 00262A

 ADFFFF

 000516

 CAFFFF

 000000

 E8FFFF

 008689

 0E8689

 1B8789

 298789

 378789

 458889

 528889

 608889

 6E8889

 7B8989

Harmonies

Analogous

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



37866E



008689



00839F

Triad

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



008689



906B9A



917445

Complementary

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



008689



890300

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.



A36B51



008689



A56582

Square

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



008689



6E75A9



AB6468



787C46

Rectangle

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



008689



2F80A9



AB6468



987148

Sweetspot

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



008689



7DB1B3



008902



395959



D9D9D9



595959

Same Dimension

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



008689



00AFB3



004289



3E4545



008285



000505

Inverse Universe

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



890086



B300AF



894700



453E45



850082



050005

Previews

White Background



This preview shows how the Hex color 008689 looks on a white background.

Color Contrast Check

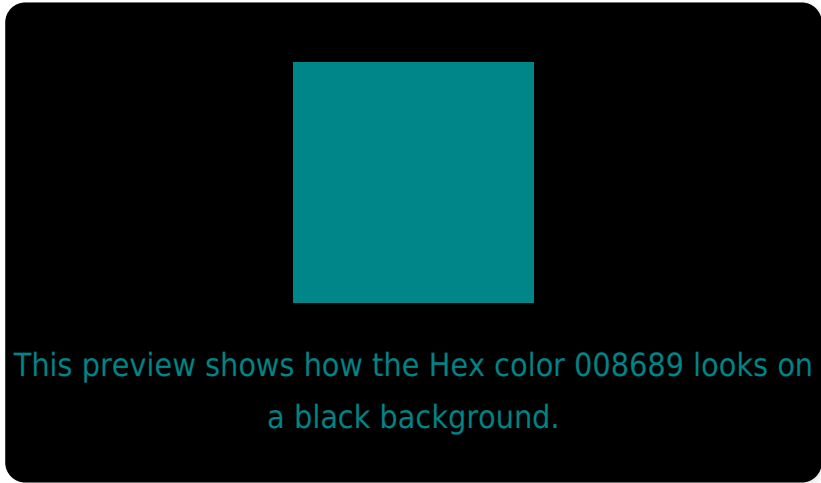
Large Text (above 18pt) WCAG AA ✓ Pass

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

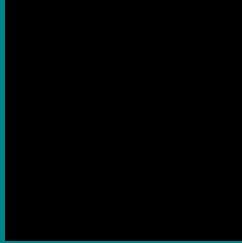
Any Text WCAG AA ✓ Pass

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 008689 Background



This preview shows how black text looks on a background with the Hex color 008689.

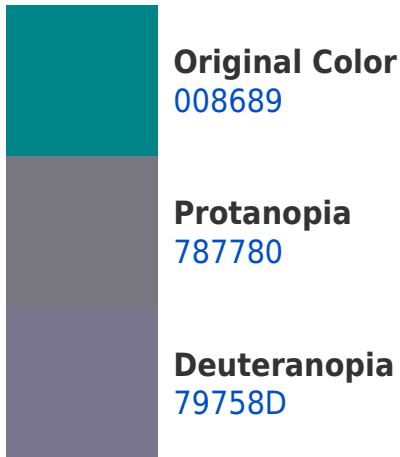


This preview shows how white text looks on a background with the Hex color 008689.

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



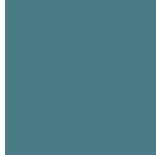


Tritanopia
158590

Trichromacy



Original Color
008689



Protanomaly
4C7C83



Deuteranomaly
4D7B8C



Tritanomaly
0D858D

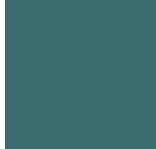
Monochromacy



Original Color
008689



Achromatopsia
5E5E5E



Achromatomaly
3C6D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008689 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 #008689 looks like.

```
.text, #text, p{  
    color:#008689  
}
```

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 #008689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008689
}
```

Border

The CSS property to change the border of an element to Hex 008689 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
#008689 }
```

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

```
.border{ border-color:#008689 }
```

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

Here you see how a box with a 4 pixel #008689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008689; -webkit-box-shadow:4px 4px  
4px 4px #008689; box-shadow:4px 4px 4px  
4px #008689 }
```

Background

The CSS property to change the background color of an element to Hex 008689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008689 }
```

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

```
.background{ background-color:#008689 }
```

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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