

# Converting Colors

Hex(008B89)

Have a look what the booklet for  
Hex(008B89) contains.

<b>Hex(008B89)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(008B89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008B89
RGB	0, 139, 137
RGB Percent	0%, 55%, 54%
CMY	1.0000, 0.4549, 0.4627
CMYK	1.00, 0.00, 0.01, 0.45
HSL	179°, 100%, 27%
HSV	179°, 100%, 55%
XYZ	13.7480, 20.2714, 26.8551
YIQ	97.2110, -82.2020, -30.0900

# Conversions

## Conversions Part 2

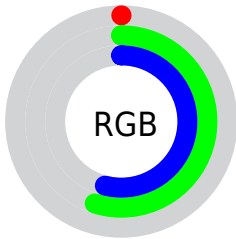
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 139
Decimal	35721
CIELab	52.14, -31.25, -7.94
CIELCh	52, 32.246, 194.251
Yxy	20.2714, 0.2258, 0.3330
Android (android.graphics.Color)	4278225801 (0xFF008B89)
YUV	97.2110, 19.6160, -85.2540
Hunter-Lab	45.0237, -24.2867, -3.8478

# Details

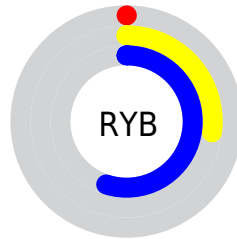
The Hex color **008B89** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8B0002**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C1BE**, and **005857** is the 20% darker color. If you saturate the color by 10%, you get **008B89**, and if you desaturate by 10%, it is **0E8B89**.

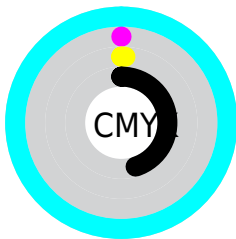
# Distribution



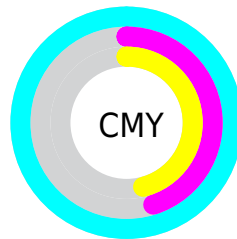
- Red (0%)
- Green (55%)
- Blue (54%)



- Red (0%)
- Yellow (27%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008B89 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 008B89 by changing the saturation by 10% instead.



 008B89

 008B89

FFFFFF

 007170

 56C1BE

 005857

 74DDDA

 004040

 91FAF7

 002A2A

 AEFFFF

 000F16

 CCFFFF

 000000

 E9FFFF

 008B89

 0E8B89

 1C8B89

 2A8B8A

 388B8A

 468B8A

 538B8A

 618B8A

 6F8B8B

 7D8B8B

# Harmonies

## Analogous

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



3E8A6C



008B89



0089A2

# Triad

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



008B89



9070A4



9B7647

# Complementary

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



008B89



8B0002

# 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.



AC6C57



008B89



A9688C

# Square

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



008B89



697BB2



B26770



817F46

# Rectangle

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



008B89



2086AD



B26770



A2724B



# Sweetspot

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



008B89



7FB5B4



028B00



3B5C5B



DBDBDB



5C5C5C



# Same Dimension

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



008B89



00B5B2



00488B



3E4545



008583



000505



# Inverse Universe

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



8B0002



B50003



8B4300



453E3E



850002



050000



# Previews

## White Background



This preview shows how the Hex color 008B89 looks on a white background.

## Color Contrast Check

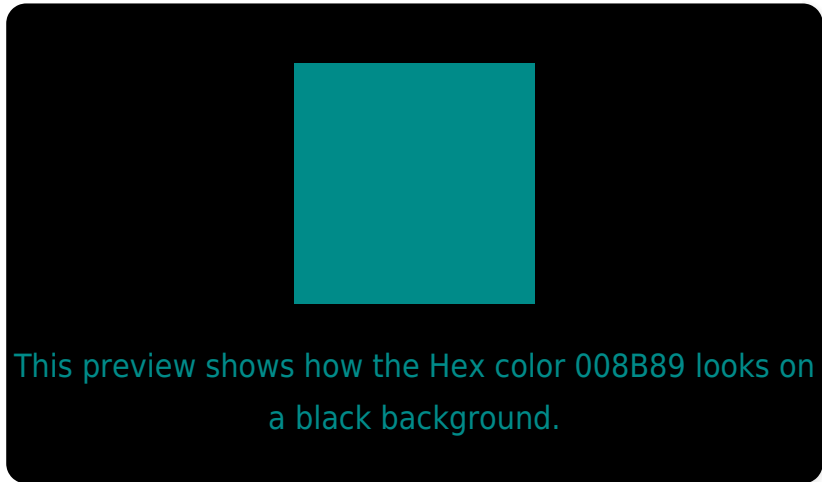
Large Text (above 18pt) WCAG AA ✓ Pass

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

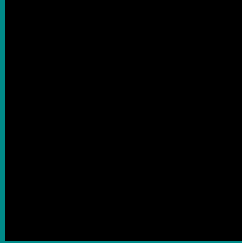
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008B89 Background



This preview shows how black text looks on a background with the Hex color 008B89.

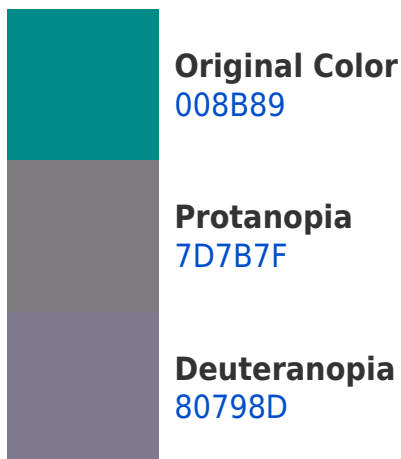


This preview shows how white text looks on a background with the Hex color 008B89.

# 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**  
1B8994

# Trichromacy



**Original Color**  
008B89



**Protanomaly**  
508183



**Deuteranomaly**  
51808C



**Tritanomaly**  
118A90

# Monochromacy



**Original Color**  
008B89



**Achromatopsia**  
616161



**Achromatomaly**  
3E7070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008B89 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 #008B89 looks like.

```
.text, #text, p{  
    color:#008B89  
}
```

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 #008B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B89
}
```

## Border

The CSS property to change the border of an element to Hex 008B89 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
#008B89 }
```

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

```
.border{ border-color:#008B89 }
```

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

Here you see how a box with a 4 pixel #008B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B89; -webkit-box-shadow:4px 4px  
4px 4px #008B89; box-shadow:4px 4px 4px  
4px #008B89 }
```

# Background

The CSS property to change the background color of an element to Hex 008B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B89 }
```

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

```
.background{ background-color:#008B89 }
```

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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