

Converting Colors

Hex(008C83)

Have a look what the booklet for
Hex(008C83) contains.

Hex(008C83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008C83)

Conversions

Conversions Part 1

Format	Color
Hex	008C83
RGB	0, 140, 131
RGB Percent	0%, 55%, 51%
CMY	1.0000, 0.4510, 0.4863
CMYK	1.00, 0.00, 0.06, 0.45
HSL	176°, 100%, 27%
HSV	176°, 100%, 55%
XYZ	13.4748, 20.3949, 24.6991
YIQ	97.1140, -80.5510, -32.4790

Conversions

Conversions Part 2

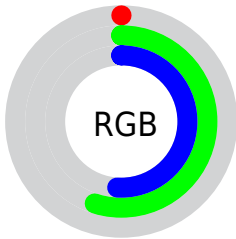
Format	Color
RYB	0, 72, 140
Decimal	35971
CIELab	52.28, -33.60, -4.25
CIELCh	52, 33.867, 187.208
Yxy	20.3949, 0.2301, 0.3482
Android (android.graphics.Color)	4278226051 (0xFF008C83)
YUV	97.1140, 16.7058, -85.1690
Hunter-Lab	45.1607, -25.7712, -0.8142

Details

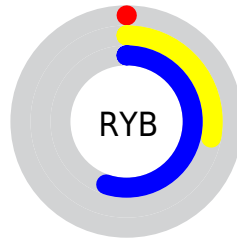
The Hex color **008C83** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8C0009**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55C2B8**, and **005952** is the 20% darker color. If you saturate the color by 10%, you get **008C83**, and if you desaturate by 10%, it is **0E8C84**.

Distribution



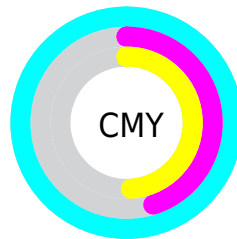
- Red (0%)
- Green (55%)
- Blue (51%)



- Red (0%)
- Yellow (28%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008C83 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 008C83 by changing the saturation by 10% instead.

 008C83

 008C83

FFFFFF

 00726A

 55C2B8

 005952

 73DED4

 00413B

 90FBF0

 002A25

 ADFFFF

 000F11

 CBFFFF

 000000

 E8FFFF

 008C83

 0E8C84

 1C8C85

 2A8C86

 388C87

 468C88

 548C88

 628C89

 708C8A

 7E8C8B

Harmonies

Analogous

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



448A65



008C83



008B9F

Triad

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



008C83



8973AB



A17347

Complementary

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



008C83



8C0009

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.



B16A5B



008C83



A76994

Square

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



008C83



5C7DB6



B46577



887D42

Rectangle

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



008C83



0088AD



B46577



A8704D

Sweetspot

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



008C83



7FB5B2



098C00



3B5C5A



DBDBDB



5C5C5C

Same Dimension

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



008C83



00B5A9



004F8C



3E4544



00857C



000505

Inverse Universe

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



8C0009



B5000C



8C3D00



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 008C83 looks on a white background.

Color Contrast Check

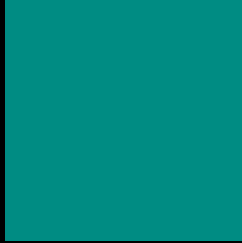
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 008C83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

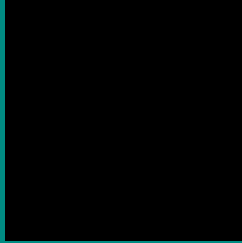
Any Text WCAG AA ✓ Pass

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 008C83 Background



This preview shows how black text looks on a background with the Hex color 008C83.

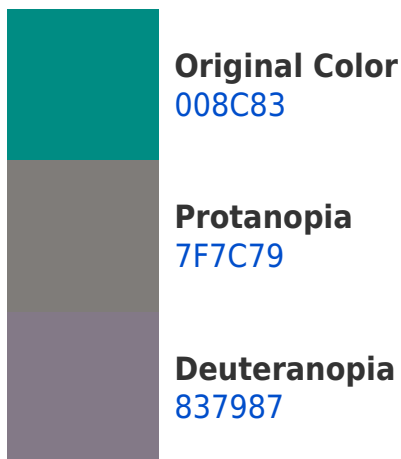


This preview shows how white text looks on a background with the Hex color 008C83.

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
208995

Trichromacy



Original Color
008C83



Protanomaly
51827D



Deuteranomaly
538086



Tritanomaly
148A8E

Monochromacy



Original Color
008C83



Achromatopsia
616161



Achromatomaly
3E716D

CSS Examples

Text

The CSS property to change the color of the text to Hex 008C83 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 #008C83 looks like.

```
.text, #text, p{  
    color:#008C83  
}
```

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 #008C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C83
}
```

Border

The CSS property to change the border of an element to Hex 008C83 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
#008C83 }
```

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

```
.border{ border-color:#008C83 }
```

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

Here you see how a box with a 4 pixel #008C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C83; -webkit-box-shadow:4px 4px  
4px 4px #008C83; box-shadow:4px 4px 4px  
4px #008C83 }
```

Background

The CSS property to change the background color of an element to Hex 008C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C83 }
```

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

```
.background{ background-color:#008C83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor