

Converting Colors

Hex(009883)

Have a look what the booklet for
Hex(009883) contains.

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Color

Hex(009883)

Conversions

Conversions Part 1	
Format	Color
Hex	009883
RGB	0, 152, 131
RGB Percent	0%, 60%, 51%
CMY	1.0000, 0.4039, 0.4863
CMYK	1.00, 0.00, 0.14, 0.40
HSL	172°, 100%, 30%
HSV	172°, 100%, 60%
XYZ	15.3250, 24.0952, 25.3159
YIQ	104.1580, -83.8510, -38.7550

Conversions

Conversions Part 2

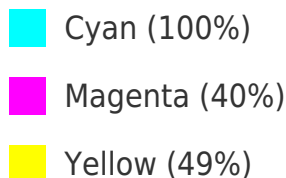
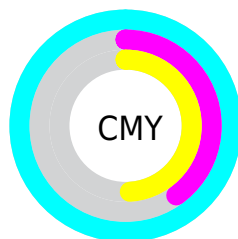
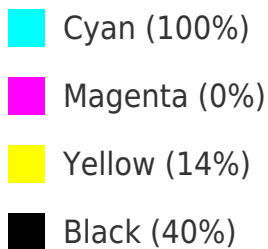
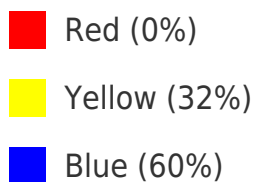
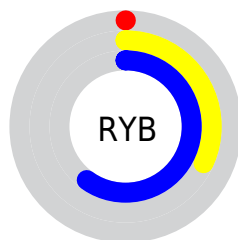
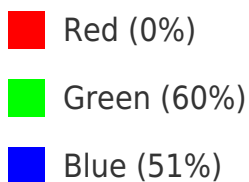
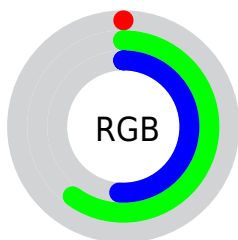
Format	Color
RYB	0, 82, 152
Decimal	39043
CIELab	56.18, -38.99, 1.47
CIELCh	56, 39.022, 177.839
Yxy	24.0952, 0.2367, 0.3722
Android (android.graphics.Color)	4278229123 (0xFF009883)
YUV	104.1580, 13.2331, -91.3466
Hunter-Lab	49.0868, -30.1740, 3.7828

Details

The Hex color **009883** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **980015**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58CFB8**, and **006452** is the 20% darker color. If you saturate the color by 10%, you get **009883**, and if you desaturate by 10%, it is **0F9885**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 009883 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 009883 by changing the saturation by 10% instead.

 009883

FFFFFF

 58CFB8

 76ECD4

 94FFF0

 B1FFFF

 CFFFFFF

 EDFFFF

 009883

 007E6A

 006452

 004B3B

 003325

 001E11

 000000

 009883

 0F9885

 1E9887

 2E9889

 3D988B

 4C988E

 5B9890

 6A9892

 7A9894

 899896

Harmonies

Analogous

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



529561



009883



0098A5

Triad

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



009883



867FC3



B8784E

Complementary

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



009883



980015

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.



C66E69



009883



AF72AB

Square

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



009883



488BCA



C46B8B



9E8441

Rectangle

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



009883



0095B8



C46B8B



BE7456

Sweetspot

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



009883



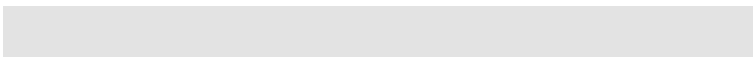
89C4BC



179800



40635F



E3E3E3



636363

Same Dimension

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



009883



00C4A9



006398



454D4B



008C79



000D0B

Inverse Universe

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



980015



C4001B



983500



4D4546



8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 009883 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 009883 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 009883 Background



This preview shows how black text looks on a background with the Hex color 009883.

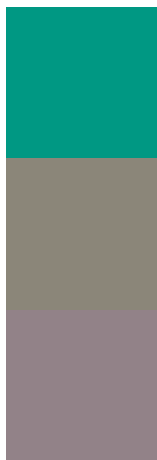


This preview shows how white text looks on a background with the Hex color 009883.

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



Original Color
009883

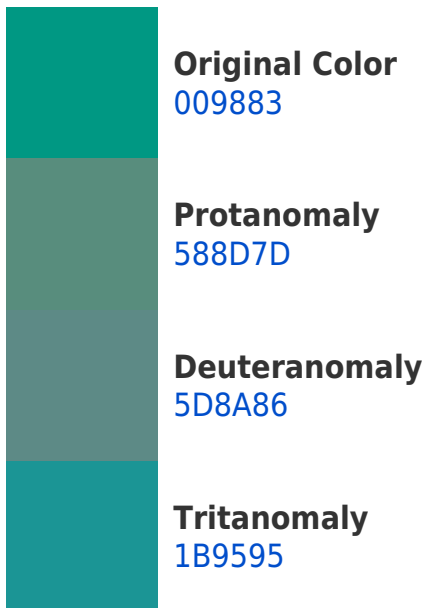
Protanopia
8B8679

Deuteranopia
928288

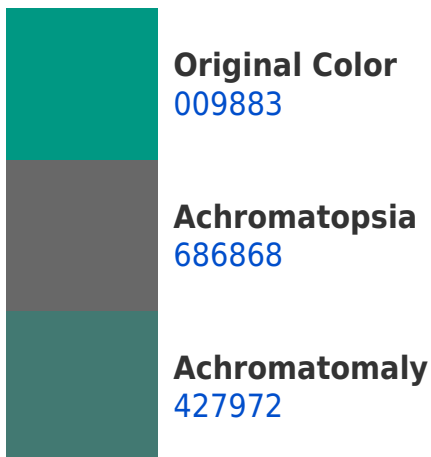


Tritanopia
2A94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 009883 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 #009883 looks like.

```
.text, #text, p{  
    color:#009883  
}
```

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 #009883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009883
}
```

Border

The CSS property to change the border of an element to Hex 009883 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
#009883 }
```

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

```
.border{ border-color:#009883 }
```

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

Here you see how a box with a 4 pixel #009883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009883; -webkit-box-shadow:4px 4px  
4px 4px #009883; box-shadow:4px 4px 4px  
4px #009883 }
```

Background

The CSS property to change the background color of an element to Hex 009883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009883 }
```

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

```
.background{ background-color:#009883 }
```

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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