

Converting Colors

Hex(009588)

Have a look what the booklet for
Hex(009588) contains.

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Color

Hex(009588)

Conversions

Conversions Part 1

Format	Color
Hex	009588
RGB	0, 149, 136
RGB Percent	0%, 58%, 53%
CMY	1.0000, 0.4157, 0.4667
CMYK	1.00, 0.00, 0.09, 0.42
HSL	175°, 100%, 29%
HSV	175°, 100%, 58%
XYZ	15.1914, 23.2725, 26.9839
YIQ	102.9670, -84.6310, -35.6310

Conversions

Conversions Part 2

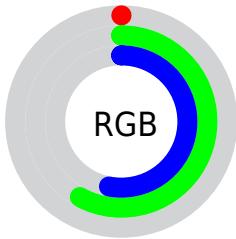
Format	Color
RYB	0, 78, 149
Decimal	38280
CIELab	55.35, -36.21, -2.61
CIELCh	55, 36.299, 184.116
Yxy	23.2725, 0.2321, 0.3556
Android (android.graphics.Color)	4278228360 (0xFF009588)
YUV	102.9670, 16.2853, -90.3021
Hunter-Lab	48.2415, -28.2126, 0.6052

Details

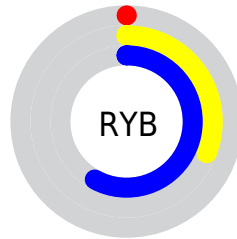
The Hex color **009588** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **95000D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **58CCBD**, and **006156** is the 20% darker color. If you saturate the color by 10%, you get **009588**, and if you desaturate by 10%, it is **0F9589**.

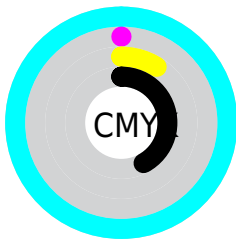
Distribution



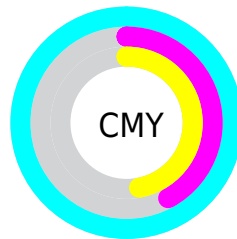
- Red (0%)
- Green (58%)
- Blue (53%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009588 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 009588 by changing the saturation by 10% instead.

 009588

 009588

FFFFFF

 007B6F

 58CCBD

 006156

 76E8D9

 00493F

 93FFF5

 003129

 B1FFF5

 001C15

 CEFFF5

 000000

 ECFFF5

 009588

 0F9589

 1E958B

 2D958C

 3C958D

 4B958F

 599590

 689591

 779592

 869594

Harmonies

Analogous

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



4B9368



009588



0094A7

Triad

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



009588



8D7BB9



AE794C

Complementary

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



009588



95000D

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.



BE6F63



009588



AF70A1

Square

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



009588



5B86C3



C06B81



948445

Rectangle

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



009588



0091B7



C06B81



B57553

Sweetspot

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



009588



88C2BD



0F9500



3E615E



E0E0E0



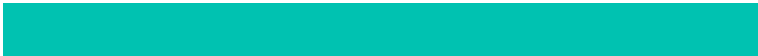
616161

Same Dimension

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



009588



00C2B1



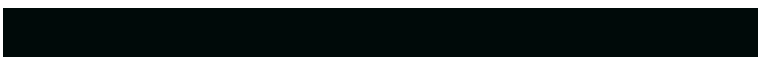
005995



434A49



008A7E



000A09

Inverse Universe

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



95000D



C20011



953C00



4A4343



8A000C



0A0001

Previews

White Background



This preview shows how the Hex color 009588 looks on a white background.

Color Contrast Check

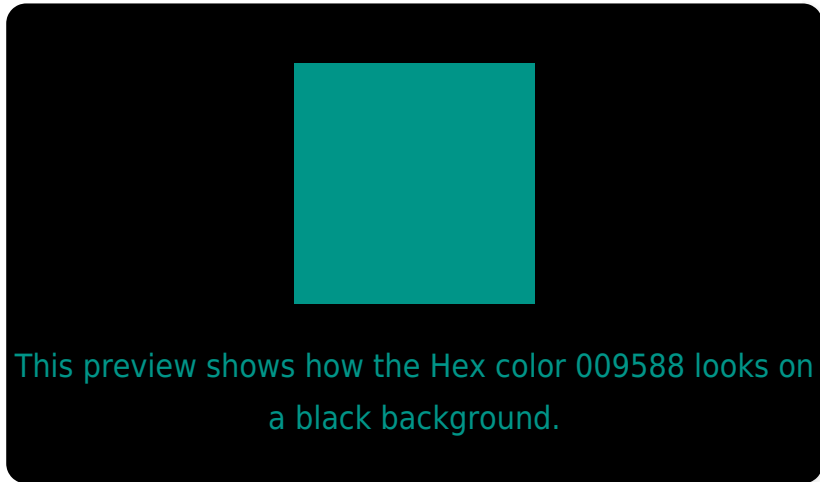
Large Text (above 18pt) WCAG AA ✓ Pass

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

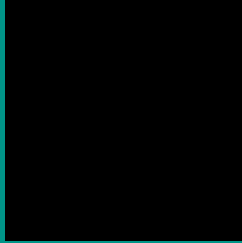
Any Text WCAG AA ✓ Pass

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 009588 Background



This preview shows how black text looks on a background with the Hex color 009588.

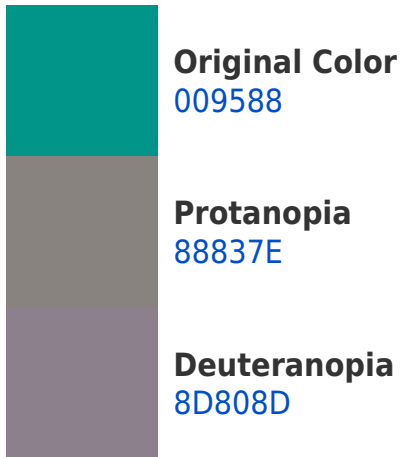


This preview shows how white text looks on a background with the Hex color 009588.

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
25929E

Trichromacy



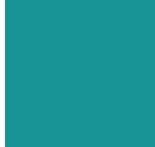
Original Color
009588



Protanomaly
578A82



Deuteranomaly
5A888B



Tritanomaly
189396

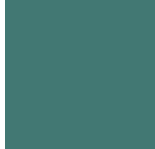
Monochromacy



Original Color
009588



Achromatopsia
676767



Achromatomaly
427873

CSS Examples

Text

The CSS property to change the color of the text to Hex 009588 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 #009588 looks like.

```
.text, #text, p{  
    color:#009588  
}
```

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 #009588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009588
}
```

Border

The CSS property to change the border of an element to Hex 009588 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
#009588 }
```

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

```
.border{ border-color:#009588 }
```

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

Here you see how a box with a 4 pixel #009588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009588; -webkit-box-shadow:4px 4px  
4px 4px #009588; box-shadow:4px 4px 4px  
4px #009588 }
```

Background

The CSS property to change the background color of an element to Hex 009588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009588 }
```

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

```
.background{ background-color:#009588 }
```

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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