

Converting Colors

Hex(009099)

Have a look what the booklet for
Hex(009099) contains.

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Color

Hex(009099)

Conversions

Conversions Part 1	
Format	Color
Hex	009099
RGB	0, 144, 153
RGB Percent	0%, 56%, 60%
CMY	1.0000, 0.4353, 0.4000
CMYK	1.00, 0.06, 0.00, 0.40
HSL	184°, 100%, 30%
HSV	184°, 100%, 60%
XYZ	15.7230, 22.2464, 33.6023
YIQ	101.9700, -88.7130, -27.7290

Conversions

Conversions Part 2

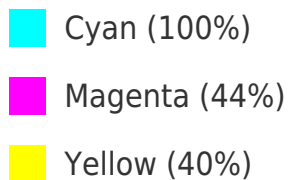
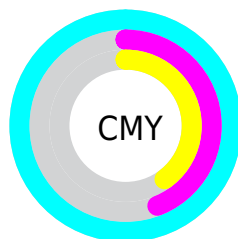
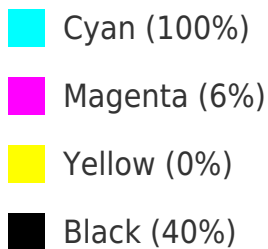
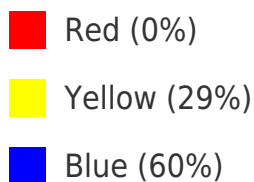
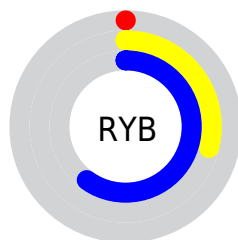
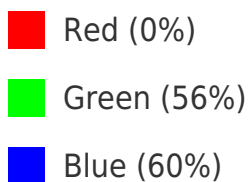
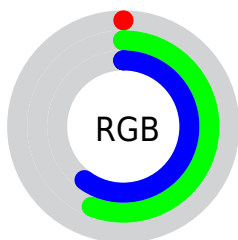
Format	Color
RYB	0, 74, 153
Decimal	37017
CIELab	54.29, -28.49, -13.97
CIELCh	54, 31.729, 206.122
Yxy	22.2464, 0.2197, 0.3108
Android (android.graphics.Color)	4278227097 (0xFF009099)
YUV	101.9700, 25.1578, -89.4277
Hunter-Lab	47.1661, -23.0370, -9.2234

Details

The Hex color **009099** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **990900**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59C6CF**, and **005D66** is the 20% darker color. If you saturate the color by 10%, you get **009099**, and if you desaturate by 10%, it is **0F9199**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 009099 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 009099 by changing the saturation by 10% instead.

 009099

FFFFFF

 59C6CF

 77E2EC

 95FFFF

 B3FFFF

 D0FFFF

 EEEFFF

 009099

 00767F

 005D66

 00454E

 002E37

 001922

 00000A

 000000

 009099

 0F9199

 1F9299

 2E9399

 3D9499

 4D9599

 5C9599

 6B9699

 7A9799

 8A9899

Harmonies

Analogous

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



35907D



009099



1D8DAF

Triad

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



009099



A172A1



977F4B

Complementary

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



009099



990900

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.



AC7555



009099



B46D87

Square

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



009099



807CB3



B76E6B



7B8750

Rectangle

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



009099



4288B6



B76E6B



9F7C4D

Sweetspot

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



009099



8BC3C7



009908



406163



E3E3E3



636363

Same Dimension

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



009099



00BBC7



004599



454C4D



00848C



000C0D

Inverse Universe

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



990090



C700BB



995400



4D454C



8C0084



0D000C

Previews

White Background



This preview shows how the Hex color 009099 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 009099 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 009099 Background



This preview shows how black text looks on a background with the Hex color 009099.



This preview shows how white text looks on a background with the Hex color 009099.

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
009099

Protanopia
7F808F

Deuteranopia
807E9D

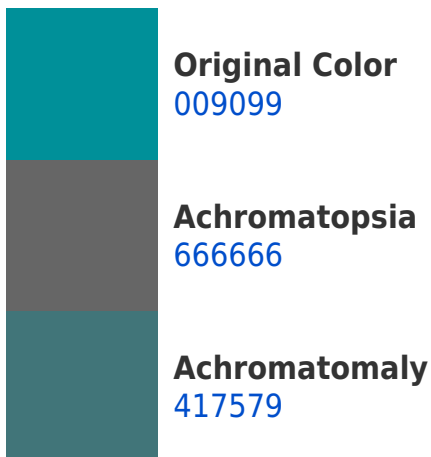


Tritanopia
0E909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 009099 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 #009099 looks like.

```
.text, #text, p{  
    color:#009099  
}
```

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 #009099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009099
}
```

Border

The CSS property to change the border of an element to Hex 009099 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
#009099 }
```

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

```
.border{ border-color:#009099 }
```

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

Here you see how a box with a 4 pixel #009099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009099; -webkit-box-shadow:4px 4px  
4px 4px #009099; box-shadow:4px 4px 4px  
4px #009099 }
```

Background

The CSS property to change the background color of an element to Hex 009099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009099 }
```

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

```
.background{ background-color:#009099 }
```

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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