

Converting Colors

Hex(009499)

Have a look what the booklet for
Hex(009499) contains.

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Color

Hex(009499)

Conversions

Conversions Part 1

Format	Color
Hex	009499
RGB	0, 148, 153
RGB Percent	0%, 58%, 60%
CMY	1.0000, 0.4196, 0.4000
CMYK	1.00, 0.03, 0.00, 0.40
HSL	182°, 100%, 30%
HSV	182°, 100%, 60%
XYZ	16.3397, 23.4797, 33.8078
YIQ	104.3180, -89.8130, -29.8210

Conversions

Conversions Part 2

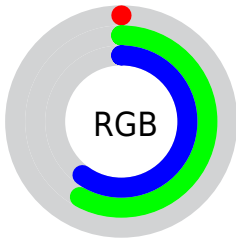
Format	Color
RYB	0, 75, 153
Decimal	38041
CIELab	55.56, -30.44, -12.05
CIElCh	56, 32.741, 201.587
Yxy	23.4797, 0.2219, 0.3189
Android (android.graphics.Color)	4278228121 (0xFF009499)
YUV	104.3180, 24.0002, -91.4869
Hunter-Lab	48.4559, -24.6063, -7.4477

Details

The Hex color **009499** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **990500**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5ACBCF**, and **006166** is the 20% darker color. If you saturate the color by 10%, you get **009499**, and if you desaturate by 10%, it is **0F9599**.

Distribution



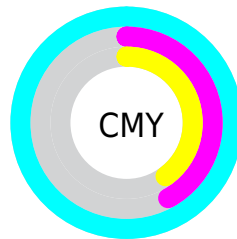
- Red (0%)
- Green (58%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009499 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 009499 by changing the saturation by 10% instead.

 009499

 009499

FFFFFF

 007A7F

 5ACBCF

 006166

 78E7EB

 00484E

 96FFFF

 003137

 B4FFFF

 001D22

 D1FFFF

 00000B

 F0FFFF

 000000

 009499

 0F9599

 1F9599

 2E9699

 3D9699

 4D9799

 5C9799

 6B9899

 7A9899

 8A9999

Harmonies

Analogous

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



3B947C



009499



0C91B1

Triad

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



009499



A176A9



9F814D

Complementary

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



009499



990500

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.



B3775A



009499



B7708E

Square

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



009499



7D81BA



BC7072



838A4F

Rectangle

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



009499



3A8DBA



BC7072



A77D4F

Sweetspot

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



009499



8BC5C7



009903



406263



E3E3E3



636363

Same Dimension

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



009499



00C0C7



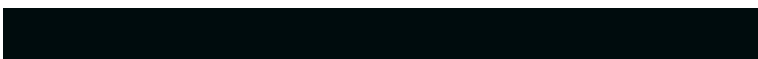
004A99



454C4D



00888C



000C0D

Inverse Universe

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



990094



C700C0



994F00



4D454C



8C0088



0D000C

Previews

White Background



This preview shows how the Hex color 009499 looks on a white background.

Color Contrast Check

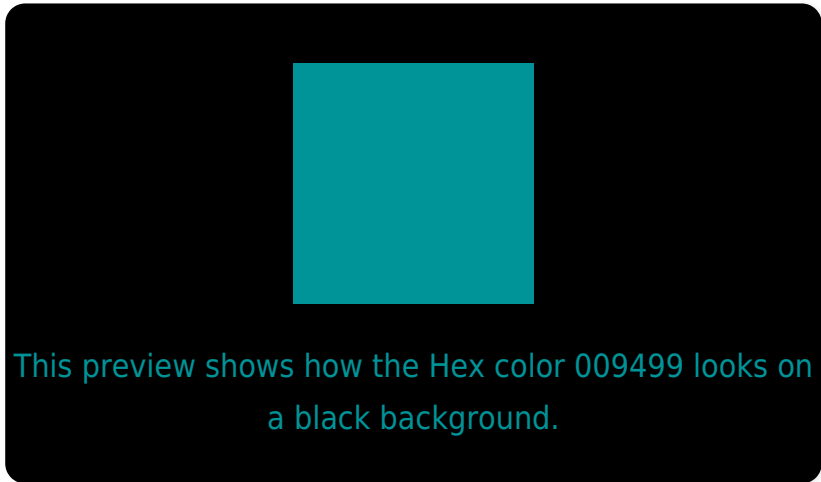
Large Text (above 18pt) WCAG AA ✓ Pass

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

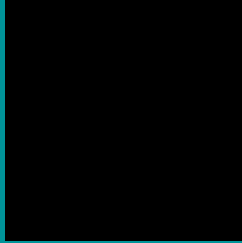
Any Text WCAG AA ✓ Pass

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 009499 Background



This preview shows how black text looks on a background with the Hex color 009499.

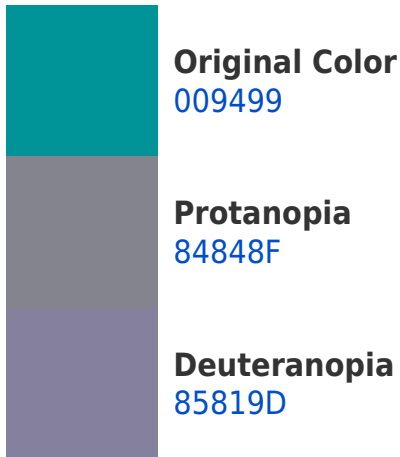


This preview shows how white text looks on a background with the Hex color 009499.

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
15939F

Trichromacy



Original Color
009499



Protanomaly
548A93



Deuteranomaly
55889C



Tritanomaly
0D939D

Monochromacy



Original Color
009499



Achromatopsia
686868



Achromatomaly
42787A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009499 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 #009499 looks like.

```
.text, #text, p{  
    color:#009499  
}
```

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 #009499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009499
}
```

Border

The CSS property to change the border of an element to Hex 009499 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
#009499 }
```

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

```
.border{ border-color:#009499 }
```

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

Here you see how a box with a 4 pixel #009499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009499; -webkit-box-shadow:4px 4px  
4px 4px #009499; box-shadow:4px 4px 4px  
4px #009499 }
```

Background

The CSS property to change the background color of an element to Hex 009499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009499 }
```

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

```
.background{ background-color:#009499 }
```

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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