

Converting Colors

Hex(009195)

Have a look what the booklet for
Hex(009195) contains.

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Color

Hex(009195)

Conversions

Conversions Part 1

Format	Color
Hex	009195
RGB	0, 145, 149
RGB Percent	0%, 57%, 58%
CMY	1.0000, 0.4314, 0.4157
CMYK	1.00, 0.03, 0.00, 0.42
HSL	182°, 100%, 29%
HSV	182°, 100%, 58%
XYZ	15.5502, 22.4207, 31.9418
YIQ	102.1010, -87.7040, -29.4960

Conversions

Conversions Part 2

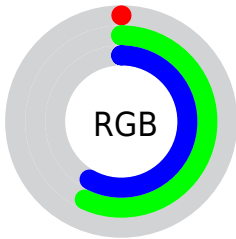
Format	Color
RYB	0, 73, 149
Decimal	37269
CIELab	54.47, -30.29, -11.39
CIELCh	54, 32.358, 200.610
Yxy	22.4207, 0.2224, 0.3207
Android (android.graphics.Color)	4278227349 (0xFF009195)
YUV	102.1010, 23.1212, -89.5426
Hunter-Lab	47.3505, -24.2429, -6.8506

Details

The Hex color **009195** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **950400**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59C7CB**, and **005E62** is the 20% darker color. If you saturate the color by 10%, you get **009195**, and if you desaturate by 10%, it is **0F9195**.

Distribution



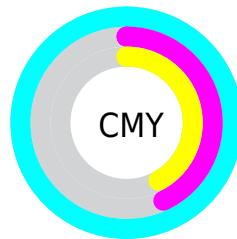
- Red (0%)
- Green (57%)
- Blue (58%)



- Red (0%)
- Yellow (29%)
- Blue (58%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)




- Cyan (100%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009195 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 009195 by changing the saturation by 10% instead.

 009195

 009195

FFFFFF

 00777B

 59C7CB

 005E62

 77E4E7

 00464B

 95FFFF

 002F34

 B2FFFF

 00191F

 D0FFFF

 000005

 EEEFFF

 000000

 009195

 0F9195

 1E9295

 2D9295

 3C9395

 4B9395

 599395

 689495

 779495

 869595

Harmonies

Analogous

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



3B9178



009195



068EAD

Triad

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



009195



9D74A6



9C7E4B

Complementary

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



009195



950400

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.



B07458



009195



B36D8C

Square

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



009195



787EB6



B96D70



81874D

Rectangle

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



009195



368AB6



B96D70



A47A4E

Sweetspot

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



009195



88C0C2



009502



3E6061



E0E0E0



616161

Same Dimension

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



009195



00BDC2



004895



434A4A



00868A



000A0A

Inverse Universe

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



950091



C200BD



954D00



4A434A



8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 009195 looks on a white background.

Color Contrast Check

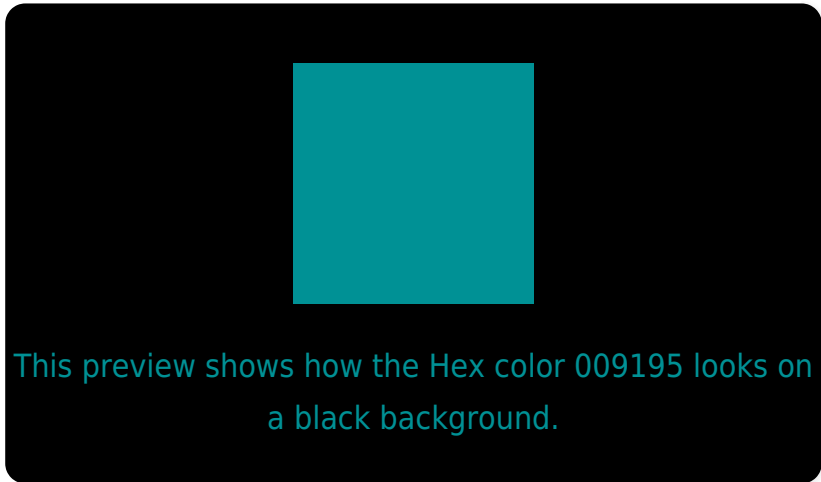
Large Text (above 18pt) WCAG AA ✓ Pass

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 009195 Background



This preview shows how black text looks on a background with the Hex color 009195.

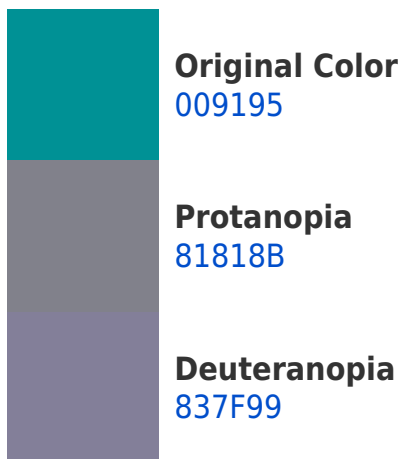


This preview shows how white text looks on a background with the Hex color 009195.

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
16909C

Trichromacy



Original Color
009195



Protanomaly
52878F



Deuteranomaly
538698



Tritanomaly
0E9099

Monochromacy



Original Color
009195



Achromatopsia
666666



Achromatomaly
417677

CSS Examples

Text

The CSS property to change the color of the text to Hex 009195 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 #009195 looks like.

```
.text, #text, p{  
    color:#009195  
}
```

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 #009195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009195
}
```

Border

The CSS property to change the border of an element to Hex 009195 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
#009195 }
```

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

```
.border{ border-color:#009195 }
```

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

Here you see how a box with a 4 pixel #009195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009195; -webkit-box-shadow:4px 4px  
4px 4px #009195; box-shadow:4px 4px 4px  
4px #009195 }
```

Background

The CSS property to change the background color of an element to Hex 009195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009195 }
```

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

```
.background{ background-color:#009195 }
```

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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