

Converting Colors

Hex(00949B)

Have a look what the booklet for
Hex(00949B) contains.

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Color

Hex(00949B)

Conversions

Conversions Part 1

Format	Color
Hex	00949B
RGB	0, 148, 155
RGB Percent	0%, 58%, 61%
CMY	1.0000, 0.4196, 0.3922
CMYK	1.00, 0.05, 0.00, 0.39
HSL	183°, 100%, 30%
HSV	183°, 100%, 61%
XYZ	16.5063, 23.5464, 34.6853
YIQ	104.5460, -90.4550, -29.1990

Conversions

Conversions Part 2

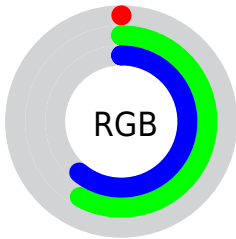
Format	Color
RYB	0, 76, 155
Decimal	38043
CIELab	55.63, -29.79, -13.09
CIELCh	56, 32.543, 203.719
Yxy	23.5464, 0.2209, 0.3151
Android (android.graphics.Color)	4278228123 (0xFF00949B)
YUV	104.5460, 24.8738, -91.6868
Hunter-Lab	48.5246, -24.1989, -8.4131

Details

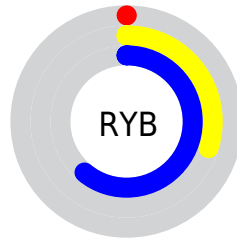
The Hex color **00949B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B0700**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5ACBD1**, and **006168** is the 20% darker color. If you saturate the color by 10%, you get **00949B**, and if you desaturate by 10%, it is **0F959B**.

Distribution



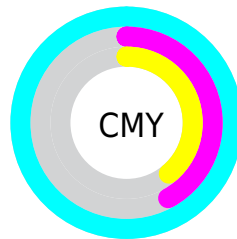
- Red (0%)
- Green (58%)
- Blue (61%)



- Red (0%)
- Yellow (30%)
- Blue (61%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00949B 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 00949B by changing the saturation by 10% instead.

 00949B

 00949B

FFFFFF

 007A81

 5ACBD1

 006168

 79E7EE

 004850

 96FFFF

 003139

 B4FFFF

 001D23

 D2FFFF

 00010D

 F0FFFF

 000000

 00949B

 0F959B

 1F959B

 2F969B

 3E979B

 4E989B

 5D989B

 6C999B

 7C9A9B

 8B9A9B

Harmonies

Analogous

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



39947E



00949B



1691B2

Triad

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



00949B



A376A7



9D824D

Complementary

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



00949B



9B0700

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.



B27859



00949B



B8708C

Square

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



00949B



8080B9



BC7070



818A51

Rectangle

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



00949B



3F8DBB



BC7070



A57E4F

Sweetspot

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



00949B



8DC7C9



009B05



416466



E6E6E6



666666

Same Dimension

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



00949B



00C0C9



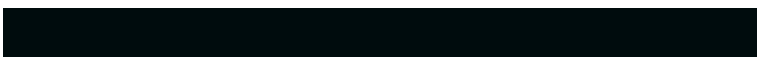
00489B



454C4D



00868C



000C0D

Inverse Universe

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



9B0094



C900C0



9B5300



4D454C



8C0086



0D000C

Previews

White Background



This preview shows how the Hex color 00949B looks on a white background.

Color Contrast Check

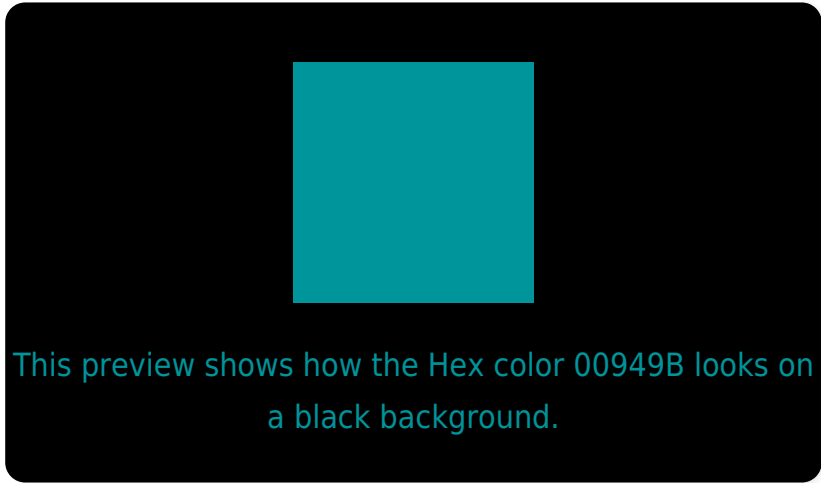
Large Text (above 18pt) WCAG AA ✓ Pass

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

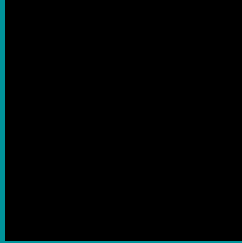
Any Text WCAG AA ✓ Pass

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 00949B Background



This preview shows how black text looks on a background with the Hex color 00949B.

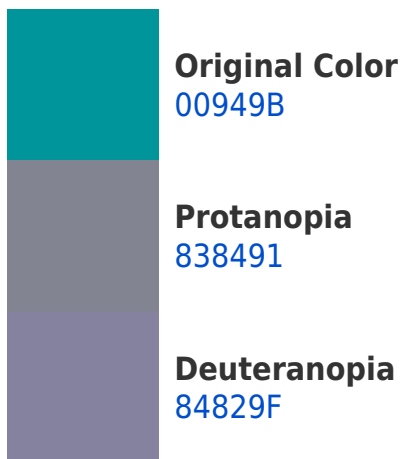


This preview shows how white text looks on a background with the Hex color 00949B.

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



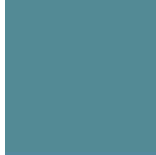


Tritanopia
12939F

Trichromacy



Original Color
00949B



Protanomaly
538A95



Deuteranomaly
54899E



Tritanomaly
0B939E

Monochromacy



Original Color
00949B



Achromatopsia
696969



Achromatomaly
43797B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00949B 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 #00949B looks like.

```
.text, #text, p{  
    color:#00949B  
}
```

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 #00949B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00949B
}
```

Border

The CSS property to change the border of an element to Hex 00949B 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
#00949B }
```

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

```
.border{ border-color:#00949B }
```

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

Here you see how a box with a 4 pixel #00949B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00949B; -webkit-box-shadow:4px 4px  
4px 4px #00949B; box-shadow:4px 4px 4px  
4px #00949B }
```

Background

The CSS property to change the background color of an element to Hex 00949B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00949B }
```

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

```
.background{ background-color:#00949B }
```

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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