

Converting Colors

Hex(09949C)

Have a look what the booklet for
Hex(09949C) contains.

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Color

Hex(09949C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 09949C |
| RGB | 9, 148, 156 |
| RGB Percent | 4%, 58%, 61% |
| CMY | 0.9647, 0.4196, 0.3882 |
| CMYK | 0.94, 0.05, 0.00, 0.39 |
| HSL | 183°, 89%, 32% |
| HSV | 183°, 94%, 61% |
| XYZ | 16.7033, 23.6382, 35.1348 |
| YIQ | 107.3510, -85.4120, -26.9800 |

Conversions

Conversions Part 2

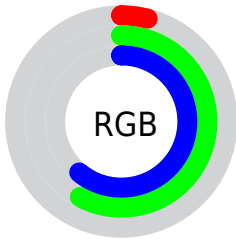
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 9, 80, 156 |
| Decimal | 627868 |
| CIELab | 55.72, -29.09, -13.52 |
| CIELCh | 56, 32.077, 204.924 |
| Yxy | 23.6382, 0.2213, 0.3132 |
| Android (android.graphics.Color) | 4278817948 (0xFF09949C) |
| YUV | 107.3510, 23.9840, -86.2538 |
| Hunter-Lab | 48.6191, -23.7590, -8.8127 |

Details

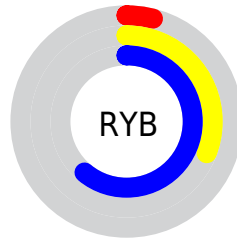
The Hex color **09949C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C1109**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CCBD2**, and **006169** is the 20% darker color. If you saturate the color by 10%, you get **00949C**, and if you desaturate by 10%, it is **19959C**.

Distribution



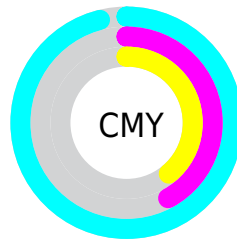
- Red (4%)
- Green (58%)
- Blue (61%)



- Red (4%)
- Yellow (31%)
- Blue (61%)



- Cyan (94%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (96%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09949C 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 09949C by changing the saturation by 10% instead.

 09949C

 09949C

FFFFFF

 007A82

 5CCBD2

 006169

 7BE7EF

 004851

 98FFFF

 00313A

 B6FFFF

 001E24

 D4FFFF

 00010E

 F2FFFF

 000000

 09949C

 09949C

 00949C

 19959C

■ 28969C

■ 38979C

■ 47979C

■ 57989C

■ 67999C

■ 769A9C

■ 869B9C

■ 959C9C

Harmonies

Analogous

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



3A9480



09949C



1F91B2

Triad

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



09949C



A476A6



9C824E

Complementary

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



09949C



9C1109

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.



B17959



09949C



B8708B

Square

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



09949C



8280B8



BB716F



808B52

Rectangle

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



09949C



438CBB



BB716F



A47F50

Sweetspot

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



09949C



93C9CC



099C10



436466



E6E6E6



666666

Same Dimension

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



09949C



00C1CC



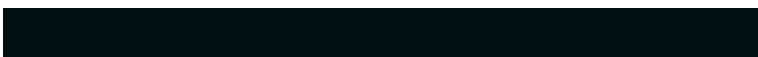
094B9C



474F4F



00878F



000E0F

Inverse Universe

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



9C0994



CC00C1



9C5A09



4F474F



8F0087



0F000E

Previews

White Background



This preview shows how the Hex color 09949C looks on a white background.

Color Contrast Check

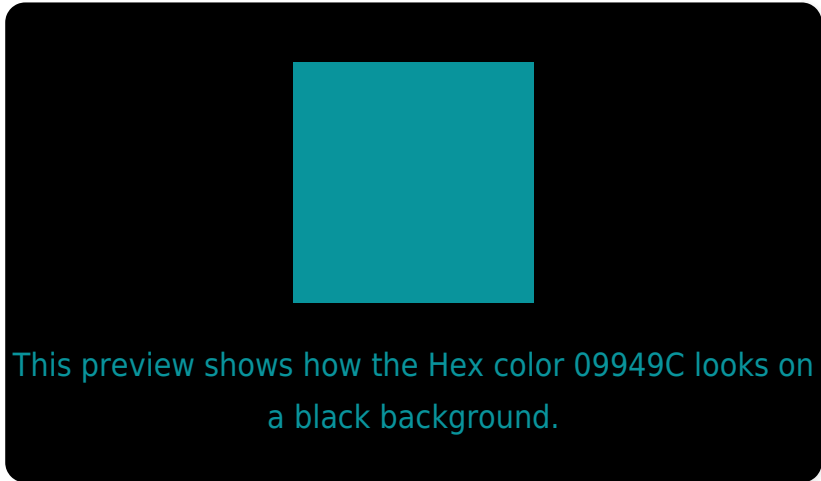
Large Text (above 18pt) WCAG AA ✓ Pass

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

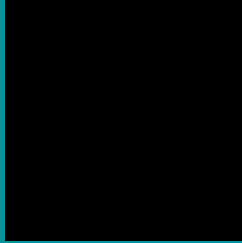
Any Text WCAG AA ✓ Pass

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 09949C Background



This preview shows how black text looks on a background with the Hex color 09949C.

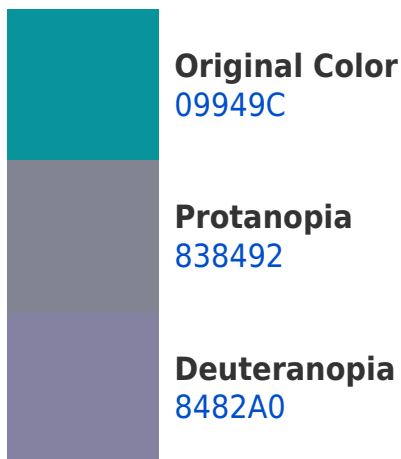


This preview shows how white text looks on a background with the Hex color 09949C.

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
09949C



Protanomaly
578A96



Deuteranomaly
57899F



Tritanomaly
0F939E

Monochromacy



Original Color
09949C



Achromatopsia
6B6B6B



Achromatomaly
477A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 09949C 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 #09949C looks like.

```
.text, #text, p{  
    color:#09949C  
}
```

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 #09949C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09949C
}
```

Border

The CSS property to change the border of an element to Hex 09949C 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
#09949C }
```

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

```
.border{ border-color:#09949C }
```

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

Here you see how a box with a 4 pixel #09949C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09949C; -webkit-box-shadow:4px 4px  
4px 4px #09949C; box-shadow:4px 4px 4px  
4px #09949C }
```

Background

The CSS property to change the background color of an element to Hex 09949C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09949C }
```

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

```
.background{ background-color:#09949C }
```

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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