

Converting Colors

Hex(00949F)

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

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Color

Hex(00949F)

Conversions

Conversions Part 1

Format	Color
Hex	00949F
RGB	0, 148, 159
RGB Percent	0%, 58%, 62%
CMY	1.0000, 0.4196, 0.3765
CMYK	1.00, 0.07, 0.00, 0.38
HSL	184°, 100%, 31%
HSV	184°, 100%, 62%
XYZ	16.8479, 23.6830, 36.4842
YIQ	105.0020, -91.7390, -27.9550

Conversions

Conversions Part 2

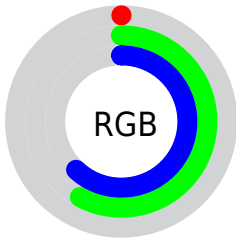
Format	Color
RYB	0, 77, 159
Decimal	38047
CIELab	55.77, -28.48, -15.17
CIELCh	56, 32.269, 208.049
Yxy	23.6830, 0.2188, 0.3075
Android (android.graphics.Color)	4278228127 (0xFF00949F)
YUV	105.0020, 26.6210, -92.0868
Hunter-Lab	48.6652, -23.3673, -10.3839

Details

The Hex color **00949F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F0B00**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5BCAD6**, and **00616C** is the 20% darker color. If you saturate the color by 10%, you get **00949F**, and if you desaturate by 10%, it is **10959F**.

Distribution



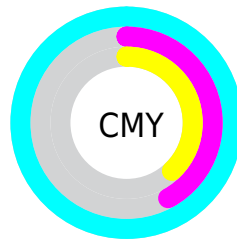
- Red (0%)
- Green (58%)
- Blue (62%)



- Red (0%)
- Yellow (30%)
- Blue (62%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)





- Cyan (100%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

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

 00949F

 00949F

FFFFFF

 007A85

 5BCAD6

 00616C

 79E7F2

 004853

 97FFFF

 00313C

 B5FFFF

 001E26

 D3FFFF

 000111

 F1FFFF

 000000

 00949F

 10959F

 20969F

 30979F

 40989F

 509A9F

 5F9B9F

 6F9C9F

 7F9D9F

 8F9E9F

Harmonies

Analogous

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



359483



00949F



2390B4

Triad

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



00949F



A775A4



9A834D

Complementary

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



00949F



9F0B00

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.



B07A57



00949F



B97089

Square

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



00949F



867FB7



BB726D



7D8C53

Rectangle

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



00949F



488CBC



BB726D



A2804F

Sweetspot

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



00949F



91CACF



009F0B



436669



E8E8E8



696969

Same Dimension

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



00949F



00C0CF



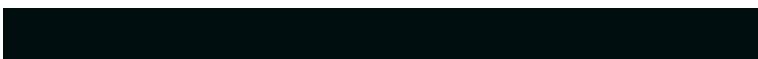
00459F



474F4F



00858F



000E0F

Inverse Universe

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



9F0094



CF00C0



9F5A00



4F474F



8F0085



0F000E

Previews

White Background



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

Color Contrast Check

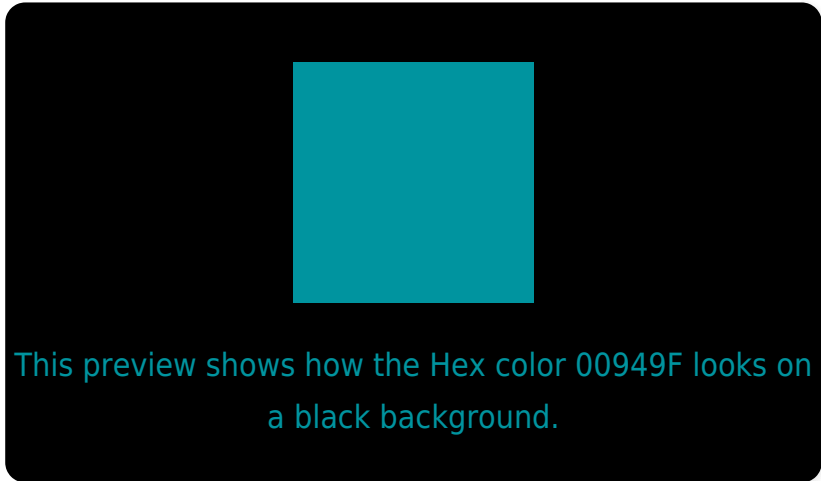
Large Text (above 18pt) WCAG AA ✓ Pass

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

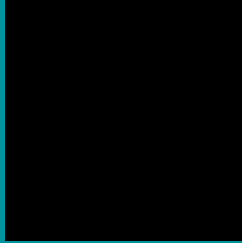
Any Text WCAG AA ✓ Pass

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 00949F Background



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

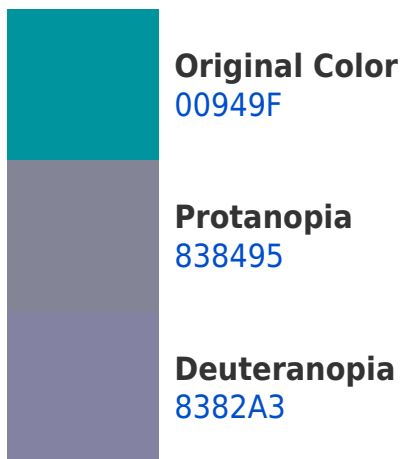


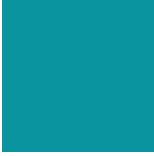
This preview shows how white text looks on a background with the Hex color 00949F.

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
0994A0

Trichromacy



Original Color
00949F



Protanomaly
538A99



Deuteranomaly
5389A2



Tritanomaly
0694A0

Monochromacy



Original Color
00949F



Achromatopsia
696969



Achromatomaly
43797D

CSS Examples

Text

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

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

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 #00949F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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