

Converting Colors

Hex(0A969D)

Have a look what the booklet for
Hex(0A969D) contains.

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Color

Hex(0A969D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0A969D |
| RGB | 10, 150, 157 |
| RGB Percent | 4%, 59%, 62% |
| CMY | 0.9608, 0.4118, 0.3843 |
| CMYK | 0.94, 0.04, 0.00, 0.38 |
| HSL | 183°, 88%, 33% |
| HSV | 183°, 94%, 62% |
| XYZ | 17.1173, 24.3115, 35.6887 |
| YIQ | 108.9380, -85.6870, -27.5030 |

Conversions

Conversions Part 2

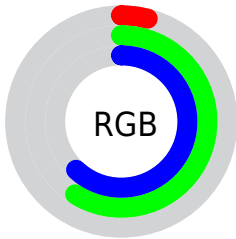
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 10, 82, 157 |
| Decimal | 693917 |
| CIELab | 56.40, -29.70, -13.07 |
| CIELCh | 56, 32.452, 203.754 |
| Yxy | 24.3115, 0.2220, 0.3153 |
| Android (android.graphics.Color) | 4278883997 (0xFF0A969D) |
| YUV | 108.9380, 23.6946, -86.7686 |
| Hunter-Lab | 49.3067, -24.3187, -8.4000 |

Details

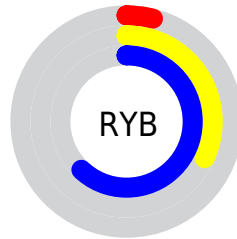
The Hex color **0A969D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D110A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DCDD4**, and **00636A** is the 20% darker color. If you saturate the color by 10%, you get **00969D**, and if you desaturate by 10%, it is **1A979D**.

Distribution



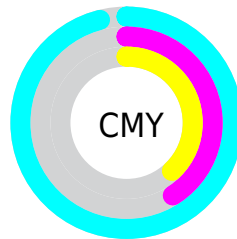
- Red (4%)
- Green (59%)
- Blue (62%)



- Red (4%)
- Yellow (32%)
- Blue (62%)



- Cyan (94%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A969D 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 0A969D by changing the saturation by 10% instead.



0A969D



0A969D

FFFFFF



007C83



5DCDD4



00636A



7BE9F0



004A52



99FFFF



00333B



B7FFFF



001F25



D4FFFF



000110



F3FFFF



000000



0A969D



0A969D



00969D



1A979D

 29979D

 39989D

 49999D

 599A9D

 689A9D

 789B9D

 889C9D

 979D9D

Harmonies

Analogous

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



3C9680



0A969D



1C93B4

Triad

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



0A969D



A578A9



9F844F

Complementary

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



0A969D



9D110A

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.



B47A5B



0A969D



BA728E

Square

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



0A969D



8282BB



BE7272



838C53

Rectangle

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



0A969D



428EBD



BE7272



A78051

Sweetspot

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



0A969D



93C9CC



0A9D0F



436466



E6E6E6



666666

Same Dimension

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



0A969D



00C2CC



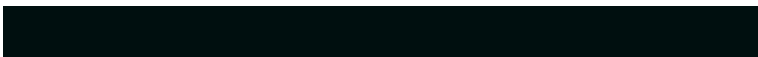
0A4F9D



474F4F



00888F



000F0F

Inverse Universe

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



9D0A96



CC00C2



9D580A



4F474F



8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 0A969D looks on a white background.

Color Contrast Check

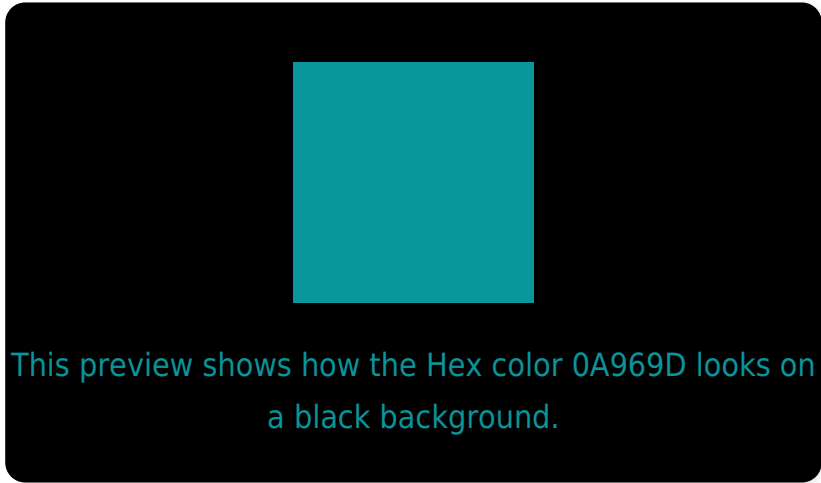
Large Text (above 18pt) WCAG AA ✓ Pass

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

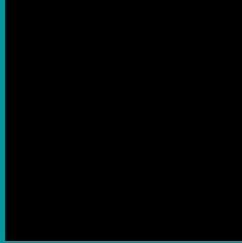
Any Text WCAG AA ✓ Pass

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 0A969D Background



This preview shows how black text looks on a background with the Hex color 0A969D.

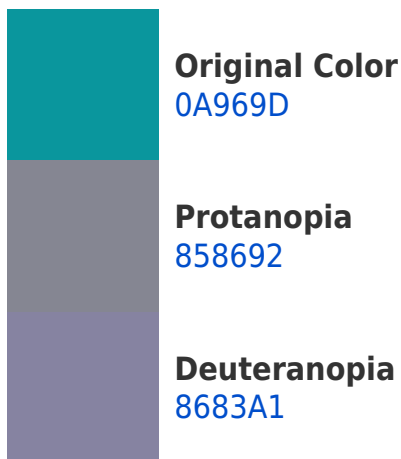


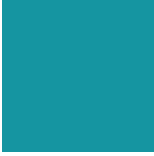
This preview shows how white text looks on a background with the Hex color 0A969D.

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
1595A1

Trichromacy



Original Color
0A969D



Protanomaly
588C96



Deuteranomaly
598AA0



Tritanomaly
1195A0

Monochromacy



Original Color
0A969D



Achromatopsia
6D6D6D



Achromatomaly
497C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A969D 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 #0A969D looks like.

```
.text, #text, p{  
    color:#0A969D  
}
```

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 #0A969D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A969D
}
```

Border

The CSS property to change the border of an element to Hex 0A969D 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
#0A969D }
```

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

```
.border{ border-color:#0A969D }
```

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

Here you see how a box with a 4 pixel #0A969D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A969D; -webkit-box-shadow:4px 4px  
4px 4px #0A969D; box-shadow:4px 4px 4px  
4px #0A969D }
```

Background

The CSS property to change the background color of an element to Hex 0A969D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A969D }
```

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

```
.background{ background-color:#0A969D }
```

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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