

# Converting Colors

Hex(0E949C)

Have a look what the booklet for  
Hex(0E949C) contains.

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# Color

Hex(0E949C)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E949C
RGB	14, 148, 156
RGB Percent	5%, 58%, 61%
CMY	0.9451, 0.4196, 0.3882
CMYK	0.91, 0.05, 0.00, 0.39
HSL	183°, 84%, 33%
HSV	183°, 91%, 61%
XYZ	16.7718, 23.6735, 35.1380
YIQ	108.8460, -82.4320, -25.9200

# Conversions

## Conversions Part 2

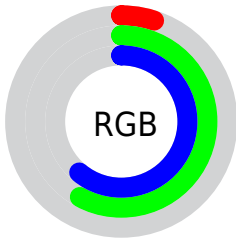
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 83, 156
Decimal	955548
CIE <sub>Lab</sub>	55.76, -28.86, -13.46
CIE <sub>LCh</sub>	56, 31.846, 205.004
Yxy	23.6735, 0.2219, 0.3132
Android (android.graphics.Color)	4279145628 (0xFF0E949C)
YUV	108.8460, 23.2469, -83.1799
Hunter-Lab	48.6554, -23.6171, -8.7593

# Details

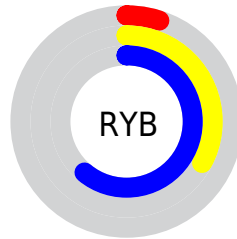
The Hex color **0E949C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C160E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DCAD2**, and **006169** is the 20% darker color. If you saturate the color by 10%, you get **00939C**, and if you desaturate by 10%, it is **1E959C**.

# Distribution



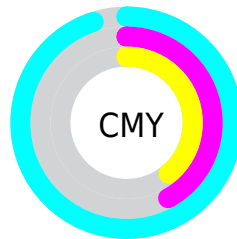
- Red (5%)
- Green (58%)
- Blue (61%)



- Red (5%)
- Yellow (33%)
- Blue (61%)



- Cyan (91%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (42%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E949C 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 0E949C by changing the saturation by 10% instead.



 0E949C

 0E949C

FFFFFF

 007A82

 5DCAD2

 006169

 7CE7EF

 004851

 99FFFF

 00313A

 B7FFFF

 001E24

 D4FFFF

 00010E

 F3FFFF

 000000

 0E949C

 0E949C

 00939C

 1E959C

 2D969C

 3D979C

 4C989C

 5C989C

 6C999C

 7B9A9C

 8B9B9C

 9A9C9C

# Harmonies

## Analogous

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



3B9480



0E949C



2191B2

# Triad

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



0E949C



A476A6



9C824E

# Complementary

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



0E949C



9C160E

# 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



0E949C



B7708B

# Square

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



0E949C



8280B8



BB7270



808B53

# Rectangle

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



0E949C



448CBA



BB7270



A47F50



# Sweetspot

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



0E949C



95C9CC



0E9C15



456466



E6E6E6



666666



# Same Dimension

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



0E949C



00C1CC



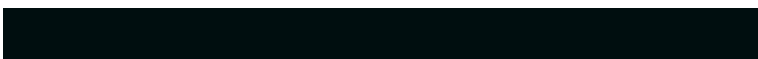
0E4E9C



474F4F



00878F



000E0F



# Inverse Universe

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



9C0E94



CC00C1



9C5C0E



4F474F



8F0087



0F000E



# Previews

## White Background



This preview shows how the Hex color 0E949C looks on a white background.

## Color Contrast Check

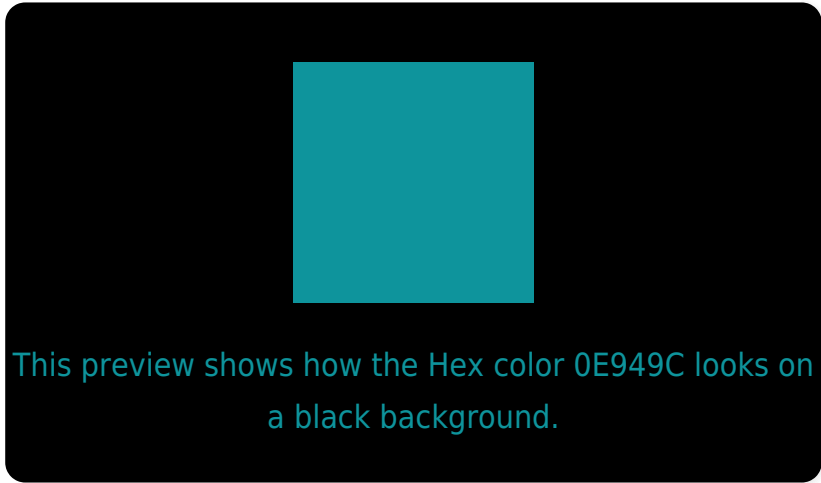
Large Text (above 18pt) WCAG AA ✓ Pass

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

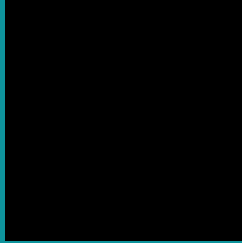
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E949C Background



This preview shows how black text looks on a background with the Hex color 0E949C.

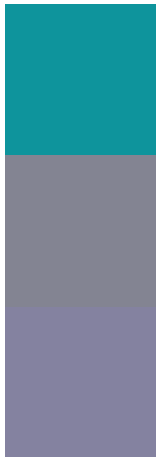


This preview shows how white text looks on a background with the Hex color 0E949C.

# 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



**Original Color**  
0E949C

**Protanopia**  
838492

**Deuteranopia**  
8482A0



**Tritanopia**  
15939F

# Trichromacy



**Original Color**  
0E949C



**Protanomaly**  
588A96



**Deuteranomaly**  
59899F



**Tritanomaly**  
12939E

# Monochromacy



**Original Color**  
0E949C



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4A7B7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E949C 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 #0E949C looks like.

```
.text, #text, p{  
    color:#0E949C  
}
```

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 #0E949C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E949C
}
```

## Border

The CSS property to change the border of an element to Hex 0E949C 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
#0E949C }
```

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

```
.border{ border-color:#0E949C }
```

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

Here you see how a box with a 4 pixel #0E949C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E949C; -webkit-box-shadow:4px 4px  
4px 4px #0E949C; box-shadow:4px 4px 4px  
4px #0E949C }
```

# Background

The CSS property to change the background color of an element to Hex 0E949C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E949C }
```

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

```
.background{ background-color:#0E949C }
```

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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