

# Converting Colors

Hex(0F99B1)

Have a look what the booklet for  
Hex(0F99B1) contains.

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# Color

**Hex(0F99B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F99B1
RGB	15, 153, 177
RGB Percent	6%, 60%, 69%
CMY	0.9412, 0.4000, 0.3059
CMYK	0.92, 0.14, 0.00, 0.31
HSL	189°, 84%, 38%
HSV	189°, 92%, 69%
XYZ	19.5240, 26.0583, 45.5957
YIQ	114.4740, -89.9520, -21.7920

# Conversions

## Conversions Part 2

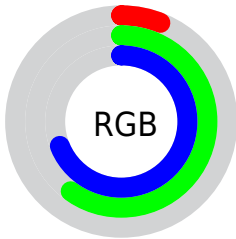
Format	Color
<b>RYB</b>	15, 90, 177
Decimal	1022385
CIELab	58.09, -24.35, -21.88
CIELCh	58, 32.737, 221.951
Yxy	26.0583, 0.2141, 0.2858
Android (android.graphics.Color)	4279212465 (0xFF0F99B1)
YUV	114.4740, 30.8253, -87.2387
Hunter-Lab	51.0474, -21.0622, -17.2249

# Details

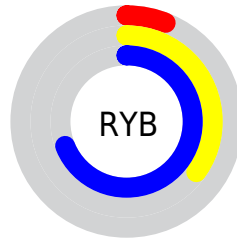
The Hex color **0F99B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B1270F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **62D0E9**, and **00667C** is the 20% darker color. If you saturate the color by 10%, you get **0097B1**, and if you desaturate by 10%, it is **219CB1**.

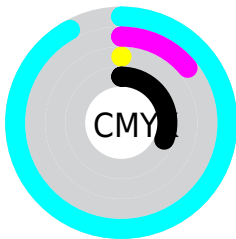
# Distribution



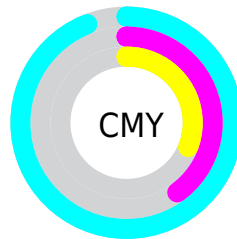
- Red (6%)
- Green (60%)
- Blue (69%)



- Red (6%)
- Yellow (35%)
- Blue (69%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (94%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F99B1 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 0F99B1 by changing the saturation by 10% instead.



 0F99B1

 0F99B1

FFFFFF

 007F96

 62D0E9

 00667C

 81ECFF

 004D63

 9FFFFFF

 00364B

 BDBFFF

 002235

 DBFFFF

 000220

 F9FFFF

 000003

 000000

 0F99B1

 0F99B1

■ 0097B1

■ 219CB1

■ 329EB1

■ 44A1B1

■ 56A3B1

■ 68A6B1

■ 79A9B1

■ 8BABB1

■ 9DAEB1

■ AEB1B1

# Harmonies

## Analogous

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



259B96



0F99B1



4393C1

# Triad

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



0F99B1



B9789E



938E53

# Complementary

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



0F99B1



B1270F

# 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.



AD8455



0F99B1



C37581

# Square

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



0F99B1



9E80B6



BF7B67



749560

# Rectangle

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



0F99B1



658EC4



BF7B67



9D8B52



# Sweetspot

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



0F99B1



A8DCE6



0FB125



4E6D73



F2F2F2



737373



# Same Dimension

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



0F99B1



00C4E6



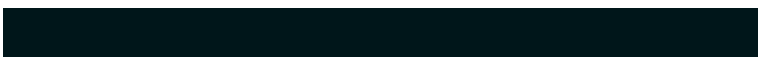
0F4AB1



505859



008299



00161A



# Inverse Universe

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



B10F99



E600C3



B1760F



595058



990082



1A0016



# Previews

## White Background



This preview shows how the Hex color 0F99B1 looks on a white background.

## Color Contrast Check

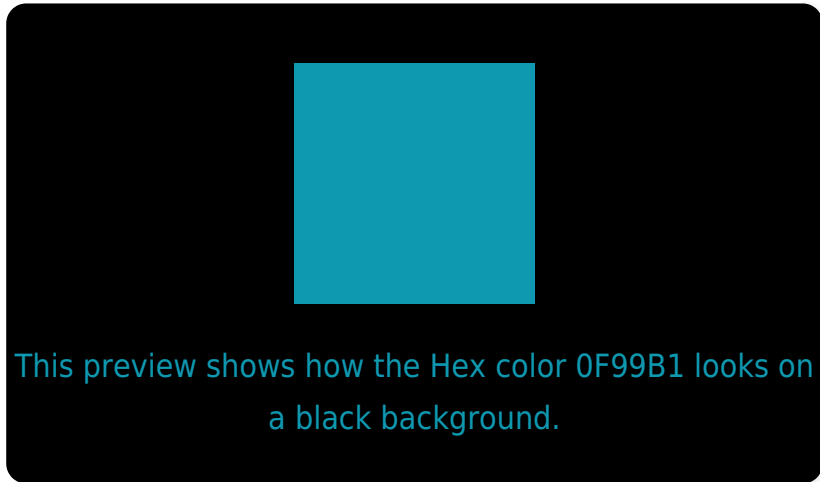
Large Text (above 18pt) WCAG AA ✓ Pass

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

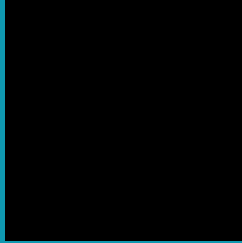
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F99B1 Background



This preview shows how black text looks on a background with the Hex color 0F99B1.

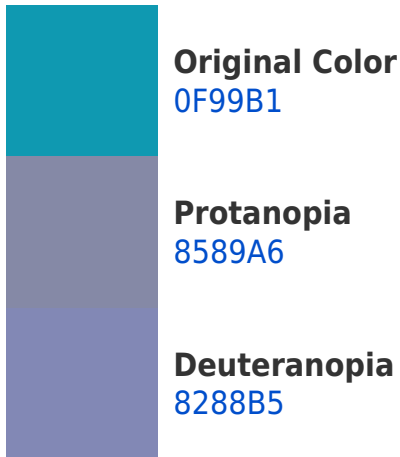


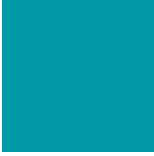
This preview shows how white text looks on a background with the Hex color 0F99B1.

# 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**  
009AA7

# Trichromacy



**Original Color**  
0F99B1



**Protanomaly**  
5A8FAA



**Deuteranomaly**  
588EB4



**Tritanomaly**  
059AAB

# Monochromacy



**Original Color**  
0F99B1



**Achromatopsia**  
727272



**Achromatomaly**  
4E8089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F99B1 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 #0F99B1 looks like.

```
.text, #text, p{  
    color:#0F99B1  
}
```

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 #0F99B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F99B1
}
```

## Border

The CSS property to change the border of an element to Hex 0F99B1 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
#0F99B1 }
```

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

```
.border{ border-color:#0F99B1 }
```

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

Here you see how a box with a 4 pixel #0F99B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F99B1; -webkit-box-shadow:4px 4px  
4px 4px #0F99B1; box-shadow:4px 4px 4px  
4px #0F99B1 }
```

# Background

The CSS property to change the background color of an element to Hex 0F99B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F99B1 }
```

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

```
.background{ background-color:#0F99B1 }
```

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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