

Converting Colors

Hex(10AC9B)

Have a look what the booklet for
Hex(10AC9B) contains.

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Color

Hex(10AC9B)

Conversions

Conversions Part 1

Format	Color
Hex	10AC9B
RGB	16, 172, 155
RGB Percent	6%, 67%, 61%
CMY	0.9373, 0.3255, 0.3922
CMYK	0.91, 0.00, 0.10, 0.33
HSL	173°, 83%, 37%
HSV	173°, 91%, 67%
XYZ	20.8826, 31.9818, 36.0828
YIQ	123.4180, -87.5190, -38.3590

Conversions

Conversions Part 2

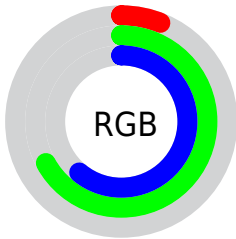
Format	Color
RYB	16, 98, 172
Decimal	1092763
CIELab	63.33, -40.22, -1.63
CIELCh	63, 40.256, 182.321
Yxy	31.9818, 0.2348, 0.3596
Android (android.graphics.Color)	4279282843 (0xFF10AC9B)
YUV	123.4180, 15.5699, -94.2056
Hunter-Lab	56.5524, -33.0536, 1.7572

Details

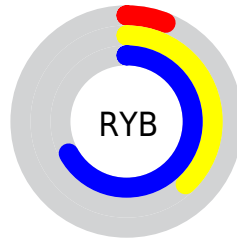
The Hex color **10AC9B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC1021**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **62E4D1**, and **007768** is the 20% darker color. If you saturate the color by 10%, you get **00AC99**, and if you desaturate by 10%, it is **21AC9D**.

Distribution



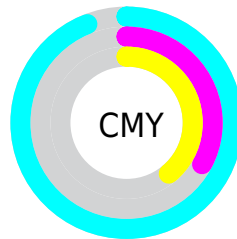
- Red (6%)
- Green (67%)
- Blue (61%)



- Red (6%)
- Yellow (38%)
- Blue (67%)



- Cyan (91%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (94%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10AC9B 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 10AC9B by changing the saturation by 10% instead.

 10AC9B

 10AC9B

FFFFFF

 009181

 62E4D1

 007768

 81FFEE

 005D50

 9FFFFFF

 004539

 BDBFFF

 002E24

 DBFFF

 00140F

 FAFFF

 000000

 10AC9B

 10AC9B

 00AC99

 21AC9D

■ 32AC9F

■ 44ACA1

■ 55ACA2

■ 66ACA4

■ 77ACA6

■ 88ACA8

■ 9AACAA

■ ABACAC

Harmonies

Analogous

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



5BA977



10AC9B



00ABBE

Triad

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



10AC9B



A08FD6



CA8C5A

Complementary

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



10AC9B



AC1021

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.



DC8075



10AC9B



C882BB

Square

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



10AC9B



659CE1



DC7C98



AD9850

Rectangle

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



10AC9B



00A8D1



DC7C98



D28762

Sweetspot

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



10AC9B



A4E0DA



22AC10



4C706C



F0F0F0



707070

Same Dimension

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



10AC9B



00E0C8



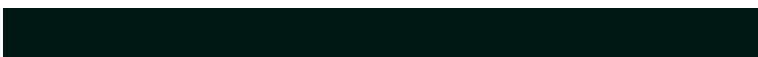
1070AC



4E5756



009686



001714

Inverse Universe

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



AC1021



E00018



AC4C10



574E4F



960010



170003

Previews

White Background



This preview shows how the Hex color 10AC9B looks on a white background.

Color Contrast Check

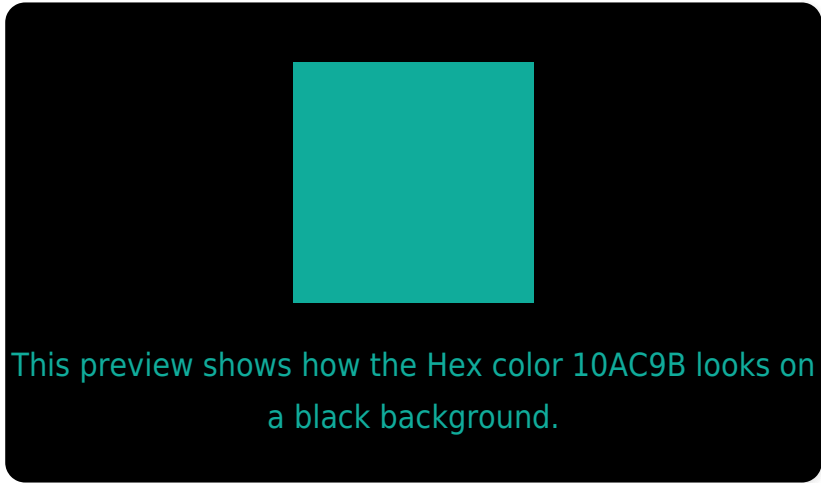
Large Text (above 18pt) WCAG AA × Fail

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

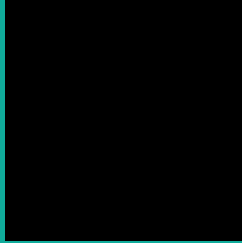
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 10AC9B Background



This preview shows how black text looks on a background with the Hex color 10AC9B.

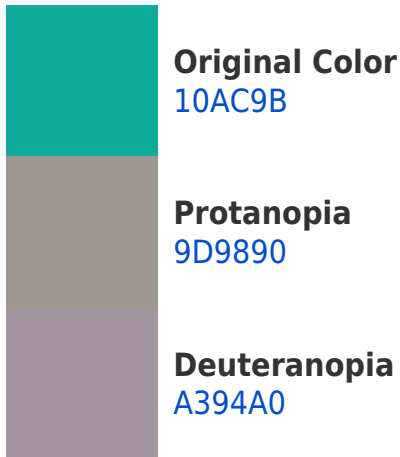


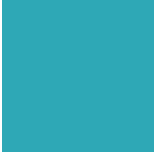
This preview shows how white text looks on a background with the Hex color 10AC9B.

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
2EA8B6

Trichromacy



Original Color
10AC9B



Protanomaly
6A9F94



Deuteranomaly
6E9D9E



Tritanomaly
23A9AC

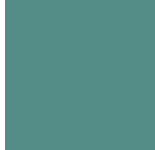
Monochromacy



Original Color
10AC9B



Achromatopsia
7B7B7B



Achromatomaly
548D87

CSS Examples

Text

The CSS property to change the color of the text to Hex 10AC9B 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 #10AC9B looks like.

```
.text, #text, p{  
    color:#10AC9B  
}
```

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 #10AC9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10AC9B
}
```

Border

The CSS property to change the border of an element to Hex 10AC9B 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
#10AC9B }
```

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

```
.border{ border-color:#10AC9B }
```

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

Here you see how a box with a 4 pixel #10AC9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10AC9B; -webkit-box-shadow:4px 4px  
4px 4px #10AC9B; box-shadow:4px 4px 4px  
4px #10AC9B }
```

Background

The CSS property to change the background color of an element to Hex 10AC9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10AC9B }
```

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

```
.background{ background-color:#10AC9B }
```

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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