

Converting Colors

Hex(0A9E85)

Have a look what the booklet for
Hex(0A9E85) contains.

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Color

Hex(0A9E85)

Conversions

Conversions Part 1

Format	Color
Hex	0A9E85
RGB	10, 158, 133
RGB Percent	4%, 62%, 52%
CMY	0.9608, 0.3804, 0.4784
CMYK	0.94, 0.00, 0.16, 0.38
HSL	170°, 88%, 33%
HSV	170°, 94%, 62%
XYZ	16.5857, 26.2117, 26.3755
YIQ	110.8980, -80.1830, -39.1510

Conversions

Conversions Part 2

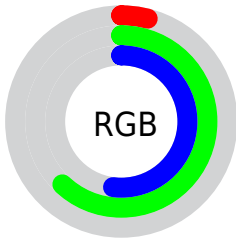
Format	Color
RYB	10, 91, 158
Decimal	695941
CIELab	58.24, -40.58, 3.32
CIElCh	58, 40.719, 175.321
Yxy	26.2117, 0.2398, 0.3789
Android (android.graphics.Color)	4278886021 (0xFF0A9E85)
YUV	110.8980, 10.8963, -88.4875
Hunter-Lab	51.1974, -31.7693, 5.2935

Details

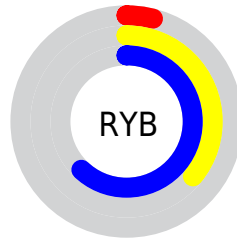
The Hex color **0A9E85** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9E0A23**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5CD5BA**, and **006A54** is the 20% darker color. If you saturate the color by 10%, you get **009E83**, and if you desaturate by 10%, it is **1A9E88**.

Distribution



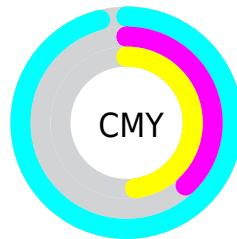
- Red (4%)
- Green (62%)
- Blue (52%)



- Red (4%)
- Yellow (36%)
- Blue (62%)



- Cyan (94%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (96%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9E85 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 0A9E85 by changing the saturation by 10% instead.



0A9E85



0A9E85

FFFFFF



00836C



5CD5BA



006A54



7AF2D6



00513D



98FFF2



003827



B5FFFF



002412



D3FFFF



000000



F1FFFF



0A9E85



0A9E85



009E83



1A9E88

 2A9E8A

 399E8D

 499E90

 599E92

 699E95

 799E98

 889E9A

 989E9D

Harmonies

Analogous

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



589A62



0A9E85



009EA9

Triad

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



0A9E85



8685CC



C17B52

Complementary

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



0A9E85



9E0A23

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.



CF716F



0A9E85



B377B5

Square

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



0A9E85



4291D3



CB6F93



A78843

Rectangle

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



0A9E85



009CBE



CB6F93



C8775B

Sweetspot

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



0A9E85



95CFC5



259E0A



456963



E8E8E8



696969

Same Dimension

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



0A9E85



00CFAC



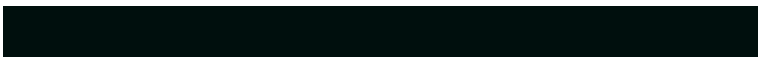
0A6F9E



474F4E



008F77



000F0D

Inverse Universe

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



9E0A23



CF0023



9E390A



4F4748



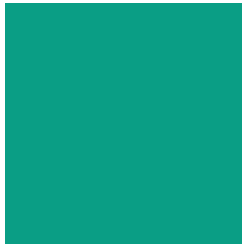
8F0018



0F0003

Previews

White Background



This preview shows how the Hex color 0A9E85 looks on a white background.

Color Contrast Check

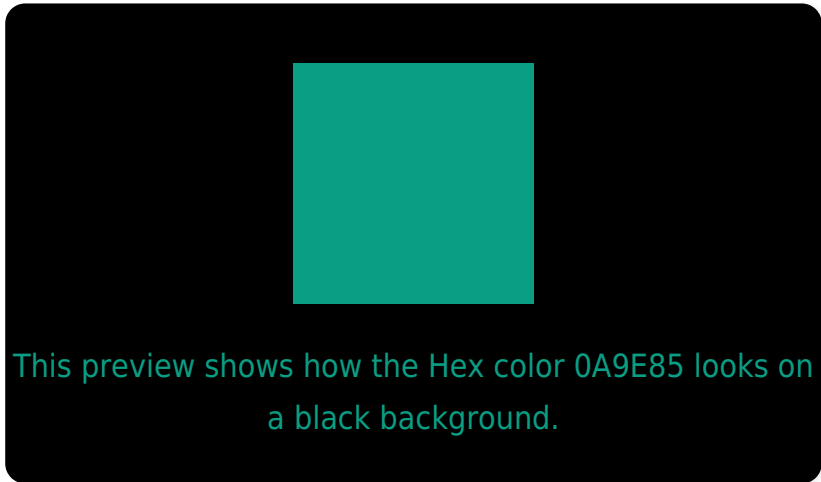
Large Text (above 18pt) WCAG AA ✓ Pass

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

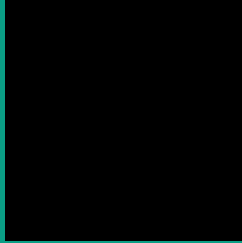
Any Text WCAG AA ✓ Pass

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 0A9E85 Background



This preview shows how black text looks on a background with the Hex color 0A9E85.

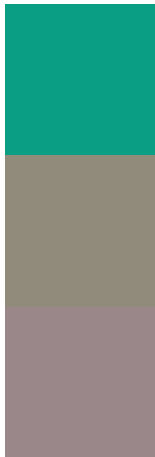


This preview shows how white text looks on a background with the Hex color 0A9E85.

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
0A9E85

Protanopia
918B7B

Deuteranopia
99878A



Tritanopia
2E99A6

Trichromacy



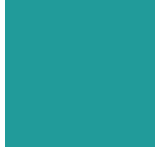
Original Color
0A9E85



Protanomaly
60927F



Deuteranomaly
658F88



Tritanomaly
219B9A

Monochromacy



Original Color
0A9E85



Achromatopsia
6F6F6F



Achromatomaly
4A8077

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9E85 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 #0A9E85 looks like.

```
.text, #text, p{  
    color:#0A9E85  
}
```

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 #0A9E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9E85
}
```

Border

The CSS property to change the border of an element to Hex 0A9E85 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
#0A9E85 }
```

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

```
.border{ border-color:#0A9E85 }
```

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

Here you see how a box with a 4 pixel #0A9E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9E85; -webkit-box-shadow:4px 4px  
4px 4px #0A9E85; box-shadow:4px 4px 4px  
4px #0A9E85 }
```

Background

The CSS property to change the background color of an element to Hex 0A9E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9E85 }
```

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

```
.background{ background-color:#0A9E85 }
```

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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