

Converting Colors

Hex(009A85)

Have a look what the booklet for
Hex(009A85) contains.

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Color

Hex(009A85)

Conversions

Conversions Part 1

Format	Color
Hex	009A85
RGB	0, 154, 133
RGB Percent	0%, 60%, 52%
CMY	1.0000, 0.3961, 0.4784
CMYK	1.00, 0.00, 0.14, 0.40
HSL	172°, 100%, 30%
HSV	172°, 100%, 60%
XYZ	15.7892, 24.8047, 26.1459
YIQ	105.5600, -85.0430, -39.1790

Conversions

Conversions Part 2

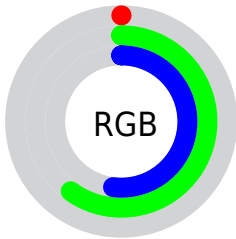
Format	Color
RYB	0, 83, 154
Decimal	39557
CIELab	56.88, -39.30, 1.35
CIELCh	57, 39.321, 178.030
Yxy	24.8047, 0.2366, 0.3717
Android (android.graphics.Color)	4278229637 (0xFF009A85)
YUV	105.5600, 13.5279, -92.5761
Hunter-Lab	49.8043, -30.5684, 3.7373

Details

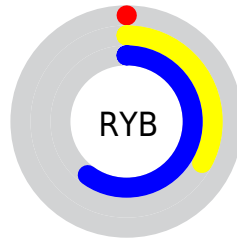
The Hex color **009A85** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A0015**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59D1BA**, and **006654** is the 20% darker color. If you saturate the color by 10%, you get **009A85**, and if you desaturate by 10%, it is **0F9A87**.

Distribution



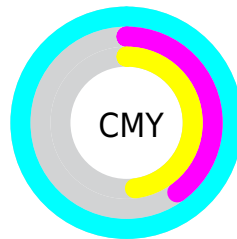
- Red (0%)
- Green (60%)
- Blue (52%)



- Red (0%)
- Yellow (33%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009A85 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 009A85 by changing the saturation by 10% instead.

 009A85

 009A85

FFFFFF


 00806C

 59D1BA

 006654

 77EED6

 004D3D

 94FFF2

 003527

 B2FFFF

 002012

 D0FFFF

 000000

 EEEFFF

 009A85

 0F9A87

 1F9A89

 2E9A8B

 3E9A8D

 4D9A8F

 5C9A92

 6C9A94

 7B9A96

 8B9A98

Harmonies

Analogous

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



539763



009A85



009AA8

Triad

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



009A85



8880C5



BA794F

Complementary

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



009A85



9A0015

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.



C96F6A



009A85



B174AD

Square

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



009A85



4A8DCD



C66D8C



9F8643

Rectangle

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



009A85



0097BB



C66D8C



C17657

Sweetspot

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



009A85



8DC9C1



179A00



416661



E6E6E6



666666

Same Dimension

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



009A85



00C9AE



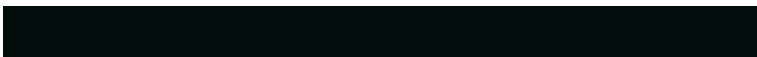
00649A



454D4B



008C79



000D0B

Inverse Universe

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



9A0015



C9001B



9A3600



4D4546



8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 009A85 looks on a white background.

Color Contrast Check

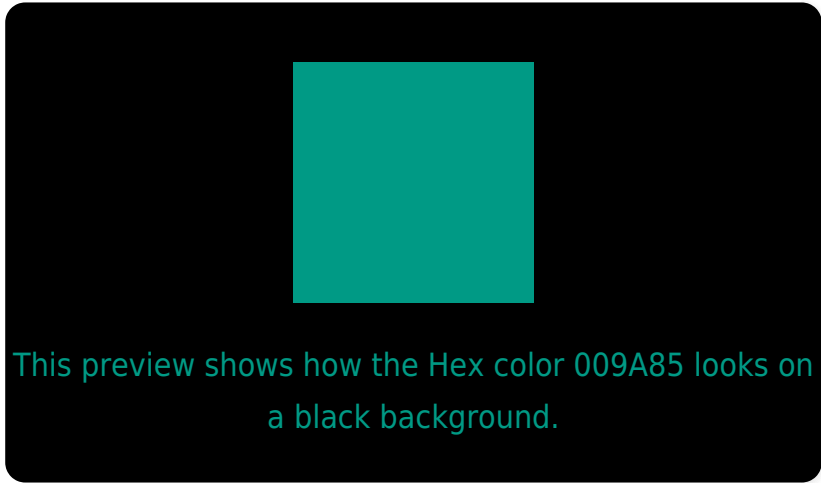
Large Text (above 18pt) WCAG AA ✓ Pass

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

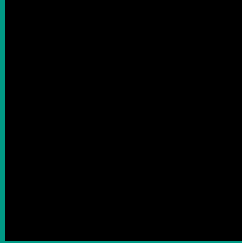
Any Text WCAG AA ✓ Pass

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 009A85 Background



This preview shows how black text looks on a background with the Hex color 009A85.

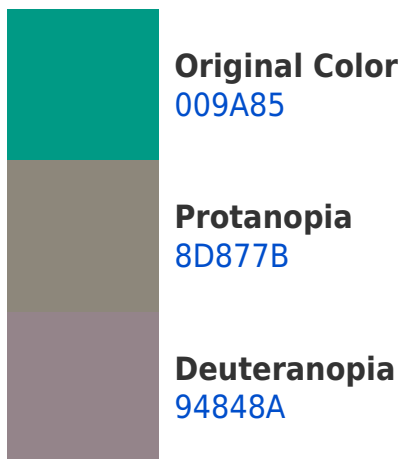


This preview shows how white text looks on a background with the Hex color 009A85.

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
2A96A2

Trichromacy



Original Color
009A85



Protanomaly
5A8E7F



Deuteranomaly
5E8C88



Tritanomaly
1B9797

Monochromacy



Original Color
009A85



Achromatopsia
6A6A6A



Achromatomaly
437B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A85 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 #009A85 looks like.

```
.text, #text, p{  
    color:#009A85  
}
```

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 #009A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A85
}
```

Border

The CSS property to change the border of an element to Hex 009A85 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
#009A85 }
```

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

```
.border{ border-color:#009A85 }
```

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

Here you see how a box with a 4 pixel #009A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A85; -webkit-box-shadow:4px 4px  
4px 4px #009A85; box-shadow:4px 4px 4px  
4px #009A85 }
```

Background

The CSS property to change the background color of an element to Hex 009A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A85 }
```

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

```
.background{ background-color:#009A85 }
```

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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