

Converting Colors

Hex(009F85)

Have a look what the booklet for
Hex(009F85) contains.

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Color

Hex(009F85)

Conversions

Conversions Part 1

Format	Color
Hex	009F85
RGB	0, 159, 133
RGB Percent	0%, 62%, 52%
CMY	1.0000, 0.3765, 0.4784
CMYK	1.00, 0.00, 0.16, 0.38
HSL	170°, 100%, 31%
HSV	170°, 100%, 62%
XYZ	16.6318, 26.4897, 26.4267
YIQ	108.4950, -86.4180, -41.7940

Conversions

Conversions Part 2

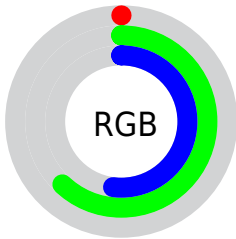
Format	Color
RYB	0, 87, 159
Decimal	40837
CIELab	58.50, -41.45, 3.69
CIELCh	58, 41.616, 174.911
Yxy	26.4897, 0.2391, 0.3809
Android (android.graphics.Color)	4278230917 (0xFF009F85)
YUV	108.4950, 12.0810, -95.1501
Hunter-Lab	51.4682, -32.3876, 5.5848

Details

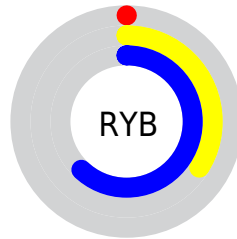
The Hex color **009F85** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F001A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD7BA**, and **006A54** is the 20% darker color. If you saturate the color by 10%, you get **009F85**, and if you desaturate by 10%, it is **109F88**.

Distribution



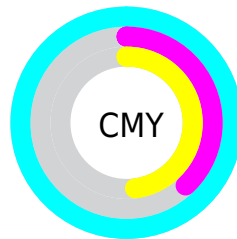
- Red (0%)
- Green (62%)
- Blue (52%)



- Red (0%)
- Yellow (34%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F85 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 009F85 by changing the saturation by 10% instead.

 009F85

 009F85

FFFFFF

 00846C

 5AD7BA

 006A54

 78F3D6

 00513D

 96FFF2

 003927

 B4FFF5

 002412

 D1FFF8

 000000

 F0FFF8

 009F85

 109F88

 209F8A

 309F8D

 409F8F

 509F92

 5F9F95

 6F9F97

 7F9F9A

 8F9F9C

Harmonies

Analogous

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



589B61



009F85



009FAA

Triad

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



009F85



8686CF



C37B52

Complementary

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



009F85



9F001A

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.



D17170



009F85



B478B7

Square

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



009F85



3E92D5



CD6F94



A88842

Rectangle

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



009F85



009DBF



CD6F94



CA775B

Sweetspot

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



009F85



91CFC4



1A9F00



436962



E8E8E8



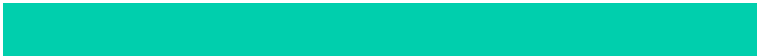
696969

Same Dimension

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



009F85



00CFAD



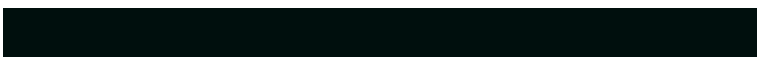
006A9F



474F4E



008F77



000F0D

Inverse Universe

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



9F001A



CF0022



9F3500



4F4748



8F0017



0F0003

Previews

White Background



This preview shows how the Hex color 009F85 looks on a white background.

Color Contrast Check

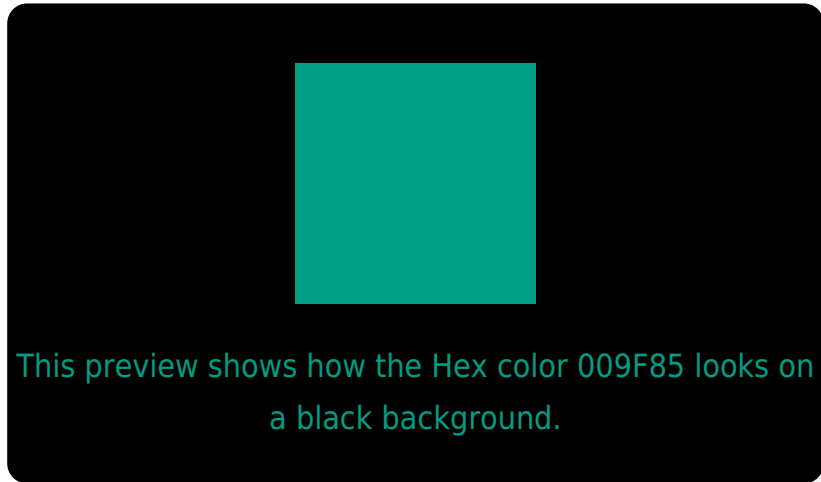
Large Text (above 18pt) WCAG AA ✓ Pass

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

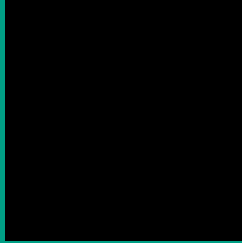
Any Text WCAG AA ✓ Pass

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 009F85 Background



This preview shows how black text looks on a background with the Hex color 009F85.

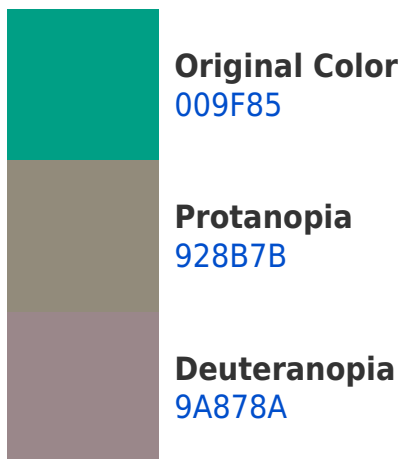


This preview shows how white text looks on a background with the Hex color 009F85.

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
2D9AA7

Trichromacy



Original Color
009F85



Protanomaly
5D927F



Deuteranomaly
629088



Tritanomaly
1D9C9B

Monochromacy



Original Color
009F85



Achromatopsia
6C6C6C



Achromatomaly
457F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F85 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 #009F85 looks like.

```
.text, #text, p{  
    color:#009F85  
}
```

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 #009F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F85
}
```

Border

The CSS property to change the border of an element to Hex 009F85 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
#009F85 }
```

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

```
.border{ border-color:#009F85 }
```

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

Here you see how a box with a 4 pixel #009F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F85; -webkit-box-shadow:4px 4px  
4px 4px #009F85; box-shadow:4px 4px 4px  
4px #009F85 }
```

Background

The CSS property to change the background color of an element to Hex 009F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F85 }
```

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

```
.background{ background-color:#009F85 }
```

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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