

Converting Colors

Hex(009F95)

Have a look what the booklet for
Hex(009F95) contains.

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Color

Hex(009F95)

Conversions

Conversions Part 1

Format	Color
Hex	009F95
RGB	0, 159, 149
RGB Percent	0%, 62%, 58%
CMY	1.0000, 0.3765, 0.4157
CMYK	1.00, 0.00, 0.06, 0.38
HSL	176°, 100%, 31%
HSV	176°, 100%, 62%
XYZ	17.8230, 26.9662, 32.6994
YIQ	110.3190, -91.5540, -36.8180

Conversions

Conversions Part 2

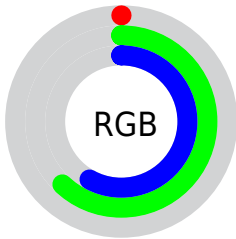
Format	Color
RYB	0, 82, 159
Decimal	40853
CIELab	58.94, -36.84, -4.72
CIELCh	59, 37.144, 187.303
Yxy	26.9662, 0.2300, 0.3480
Android (android.graphics.Color)	4278230933 (0xFF009F95)
YUV	110.3190, 19.0697, -96.7498
Hunter-Lab	51.9290, -29.6114, -0.9843

Details

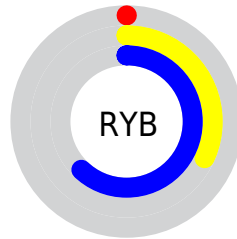
The Hex color **009F95** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F000A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD6CB**, and **006B62** is the 20% darker color. If you saturate the color by 10%, you get **009F95**, and if you desaturate by 10%, it is **109F96**.

Distribution



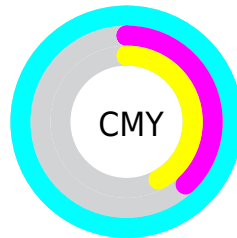
- Red (0%)
- Green (62%)
- Blue (58%)



- Red (0%)
- Yellow (32%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F95 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 009F95 by changing the saturation by 10% instead.

 009F95

 009F95

FFFFFF

 00847B

 5BD6CB

 006B62

 7AF3E7

 00524B

 98FFFF

 003A34

 B6FFFF

 00251F

 D4FFFF

 000007

 F2FFFF

 000000

 009F95

 109F96

 209F97

 309F98

 409F99

 509F9A

 5F9F9B

 6F9F9C

 7F9F9D

 8F9F9E

Harmonies

Analogous

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



4E9D74



009F95



009DB4

Triad

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



009F95



9C82C2



B78352

Complementary

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



009F95



9F000A

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.



C97968



009F95



BD78A8

Square

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



009F95



698ECE



CC7487



9B8F4C

Rectangle

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



009F95



009AC4



CC7487



BE7F58

Sweetspot

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



009F95



91CFCB



0B9F00



436966



E8E8E8



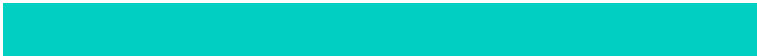
696969

Same Dimension

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



009F95



00CFC2



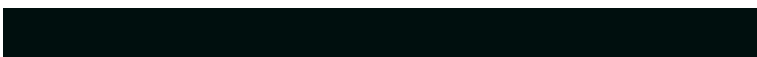
005A9F



474F4F



008F86



000F0E

Inverse Universe

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



9F000A



CF000D



9F4500



4F4748



8F0009



0F0001

Previews

White Background



This preview shows how the Hex color 009F95 looks on a white background.

Color Contrast Check

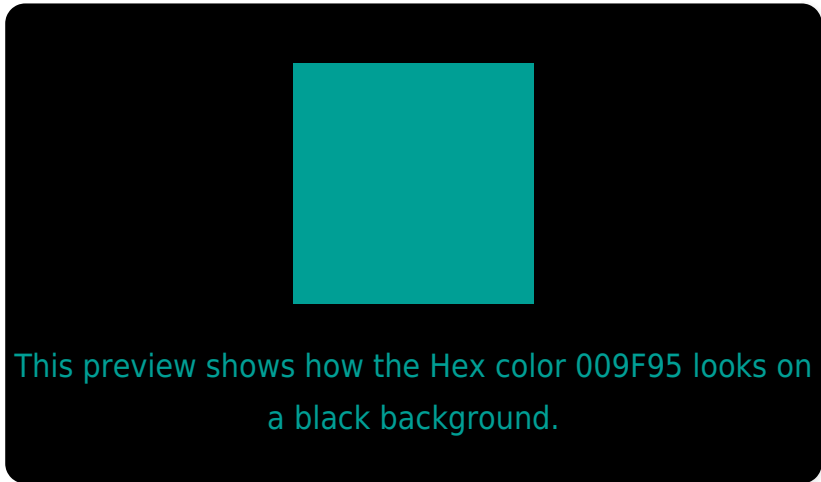
Large Text (above 18pt) WCAG AA ✓ Pass

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

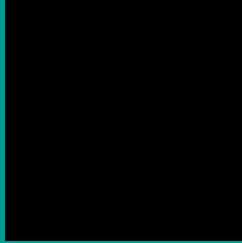
Any Text WCAG AA ✓ Pass

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 009F95 Background



This preview shows how black text looks on a background with the Hex color 009F95.

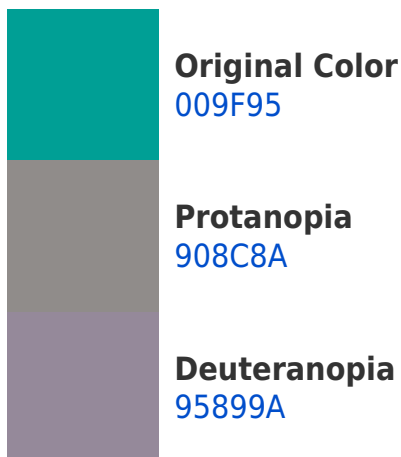


This preview shows how white text looks on a background with the Hex color 009F95.

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
259CA9

Trichromacy



Original Color
009F95



Protanomaly
5C938E



Deuteranomaly
5F9198



Tritanomaly
189DA2

Monochromacy



Original Color
009F95



Achromatopsia
6E6E6E



Achromatomaly
46807C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F95 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 #009F95 looks like.

```
.text, #text, p{  
    color:#009F95  
}
```

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 #009F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F95
}
```

Border

The CSS property to change the border of an element to Hex 009F95 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
#009F95 }
```

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

```
.border{ border-color:#009F95 }
```

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

Here you see how a box with a 4 pixel #009F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F95; -webkit-box-shadow:4px 4px  
4px 4px #009F95; box-shadow:4px 4px 4px  
4px #009F95 }
```

Background

The CSS property to change the background color of an element to Hex 009F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F95 }
```

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

```
.background{ background-color:#009F95 }
```

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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