

Converting Colors

Hex(099F9F)

Have a look what the booklet for
Hex(099F9F) contains.

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Color

Hex(099F9F)

Conversions

Conversions Part 1

Format	Color
Hex	099F9F
RGB	9, 159, 159
RGB Percent	4%, 62%, 62%
CMY	0.9647, 0.3765, 0.3765
CMYK	0.94, 0.00, 0.00, 0.38
HSL	180°, 89%, 33%
HSV	180°, 94%, 62%
XYZ	18.7688, 27.3576, 37.0922
YIQ	114.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

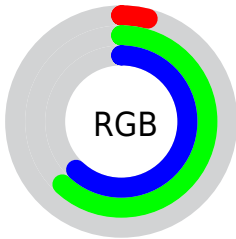
Format	Color
RYB	9, 84, 159
Decimal	630687
CIELab	59.30, -33.42, -9.85
CIELCh	59, 34.843, 196.416
Yxy	27.3576, 0.2255, 0.3287
Android (android.graphics.Color)	4278820767 (0xFF099F9F)
YUV	114.1500, 22.1110, -92.2166
Hunter-Lab	52.3044, -27.4803, -5.4330

Details

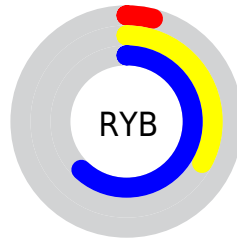
The Hex color **099F9F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F0909**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FD6D6**, and **006B6C** is the 20% darker color. If you saturate the color by 10%, you get **009F9F**, and if you desaturate by 10%, it is **199F9F**.

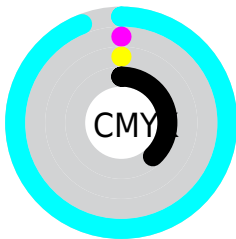
Distribution



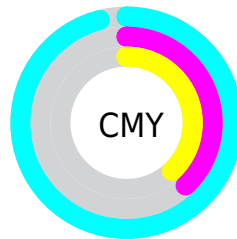
- Red (4%)
- Green (62%)
- Blue (62%)



- Red (4%)
- Yellow (33%)
- Blue (62%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 099F9F 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 099F9F by changing the saturation by 10% instead.



099F9F



099F9F

FFFFFF



008485



5FD6D6



006B6C



7DF3F2



005253



9BFFFF



003A3C



B9FFFF



002527



D7FFFF



000113



F5FFFF



000000



099F9F



099F9F



009F9F



199F9F

 299F9F

 399F9F

 499F9F

 599F9F

 689F9F

 789F9F

 889F9F

 989F9F

Harmonies

Analogous

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



479E7F



099F9F



009CBA

Triad

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



099F9F



A781B9



AF8853

Complementary

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



099F9F



9F0909

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.



C37E64



099F9F



C1789E

Square

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



099F9F



7D8CC9



CA777F



929253

Rectangle

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



099F9F



3198C6



CA777F



B78557

Sweetspot

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



099F9F



95CFCF



099F09



456969



E8E8E8



696969

Same Dimension

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



099F9F



00CFCF



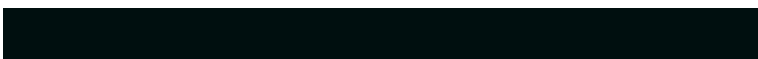
09549F



474F4F



008F8F



000F0F

Inverse Universe

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



9F099F



CF00CF



9F5409



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 099F9F looks on a white background.

Color Contrast Check

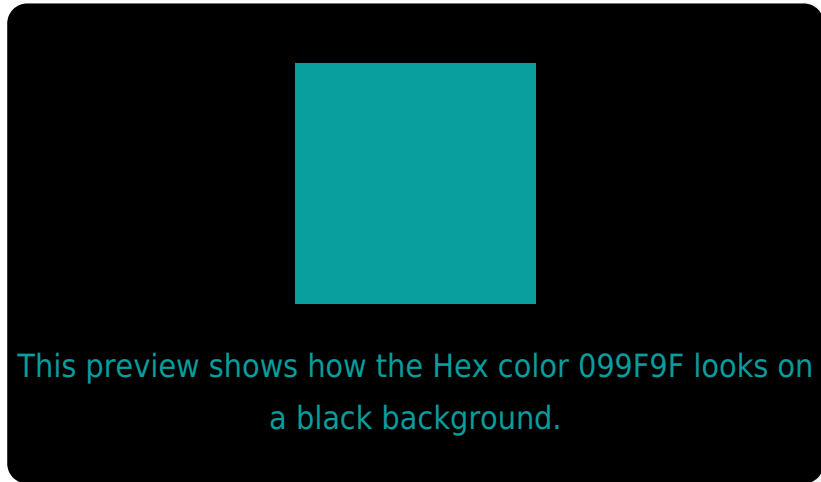
Large Text (above 18pt) WCAG AA ✓ Pass

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

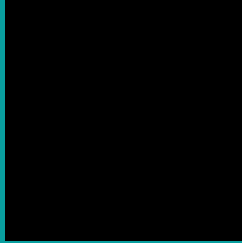
Any Text WCAG AA ✓ Pass

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 099F9F Background



This preview shows how black text looks on a background with the Hex color 099F9F.

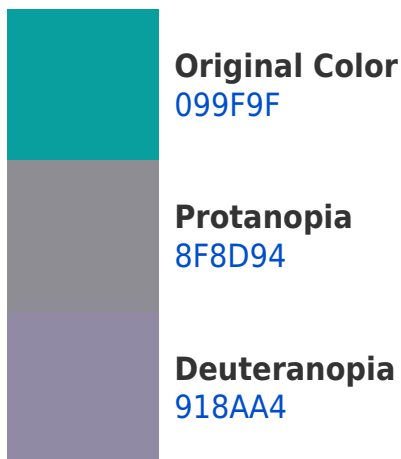


This preview shows how white text looks on a background with the Hex color 099F9F.

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
1E9DAA

Trichromacy



Original Color
099F9F



Protanomaly
5E9498



Deuteranomaly
6092A2



Tritanomaly
169EA6

Monochromacy



Original Color
099F9F



Achromatopsia
727272



Achromatomaly
4C8282

CSS Examples

Text

The CSS property to change the color of the text to Hex 099F9F 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 #099F9F looks like.

```
.text, #text, p{  
    color:#099F9F  
}
```

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 #099F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099F9F
}
```

Border

The CSS property to change the border of an element to Hex 099F9F 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
#099F9F }
```

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

```
.border{ border-color:#099F9F }
```

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

Here you see how a box with a 4 pixel #099F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099F9F; -webkit-box-shadow:4px 4px  
4px 4px #099F9F; box-shadow:4px 4px 4px  
4px #099F9F }
```

Background

The CSS property to change the background color of an element to Hex 099F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099F9F }
```

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

```
.background{ background-color:#099F9F }
```

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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