

Converting Colors

Hex(09F9DB)

Have a look what the booklet for
Hex(09F9DB) contains.

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Color

Hex(09F9DB)

Conversions

Conversions Part 1

Format	Color
Hex	09F9DB
RGB	9, 249, 219
RGB Percent	4%, 98%, 86%
CMY	0.9647, 0.0235, 0.1412
CMYK	0.96, 0.00, 0.12, 0.02
HSL	172°, 95%, 51%
HSV	172°, 96%, 98%
XYZ	46.7745, 72.9239, 78.6283
YIQ	173.8200, -133.4100, -60.2100

Conversions

Conversions Part 2

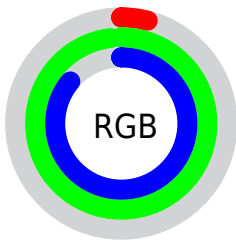
Format	Color
RYB	9, 137, 249
Decimal	653787
CIELab	88.41, -55.29, 0.59
CIELCh	88, 55.298, 179.392
Yxy	72.9239, 0.2358, 0.3677
Android (android.graphics.Color)	4278843867 (0xFF09F9DB)
YUV	173.8200, 22.2737, -144.5471
Hunter-Lab	85.3955, -51.6706, 5.1853

Details

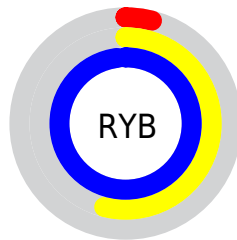
The Hex color **09F9DB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F90927**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **76FFFF**, and **00BFA4** is the 20% darker color. If you saturate the color by 10%, you get **00F9DA**, and if you desaturate by 10%, it is **22F9DE**.

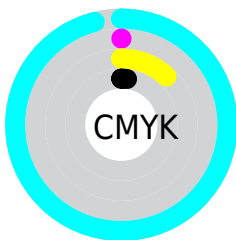
Distribution



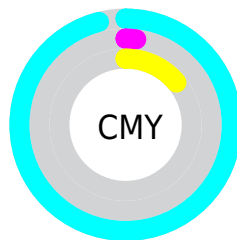
- Red (4%)
- Green (98%)
- Blue (86%)



- Red (4%)
- Yellow (54%)
- Blue (98%)



- Cyan (96%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (96%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09F9DB 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 09F9DB by changing the saturation by 10% instead.

 09F9DB

 09F9DB

FFFFFF

 00DCBF

 76FFFF

 00BFA4

 99FFFF

 00A48A

 BAffff

 008871

 DAffff

 006E58

 FAffff

 005441

 003B2B

 002417

 000000

09F9DB

09F9DB

00F9DA

22F9DE

3BF9E1

54F9E4

6DF9E7

86F9EB

9EF9EE

B7F9F1

D0F9F4

E9F9F7

Harmonies

Analogous

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



88F4A6



09F9DB



00F8FF

Triad

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



09F9DB



E1D1FF



FFC884

Complementary

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



09F9DB



F90927

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.



FFB8AD



09F9DB



FFBDFD

Square

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



09F9DB



84E4FF



FFB3E1



FFDA72

Rectangle

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



09F9DB



00F4FF



FFB3E1



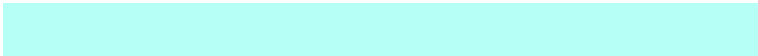
FFC290

Sweetspot

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



09F9DB



B5FFF6



29F909



53807A



000000



808080

Same Dimension

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



09F9DB



00FFDF



09A1F9



707D7B



00BDA5



003D36

Inverse Universe

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



F90927



FF0020



F96109



7D7072



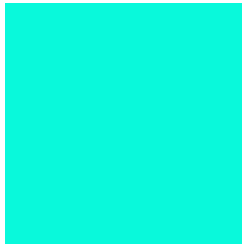
BD0018



3D0008

Previews

White Background



This preview shows how the Hex color 09F9DB looks on a white background.

Color Contrast Check

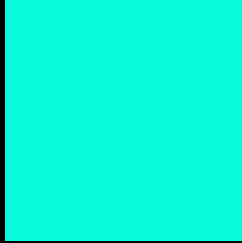
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 09F9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

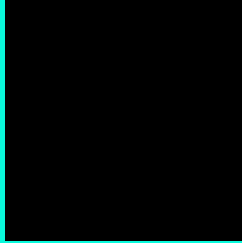
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

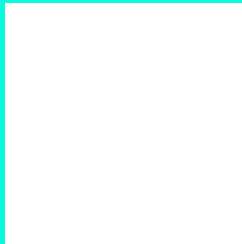
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 09F9DB Background



This preview shows how black text looks on a background with the Hex color 09F9DB.

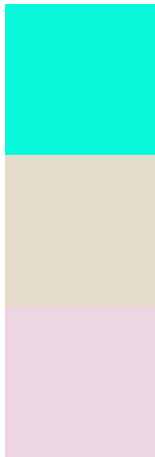


This preview shows how white text looks on a background with the Hex color 09F9DB.

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](#).

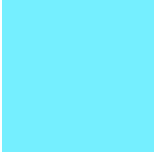
Dichromacy



Original Color
09F9DB

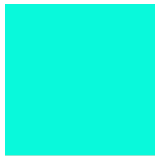
Protanopia
E4DBC B

Deuteranopia
EED5E3

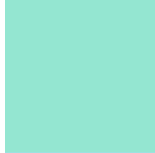


Tritanopia
75EFFF

Trichromacy



Original Color
09F9DB



Protanomaly
94E6D1



Deuteranomaly
9BE2E0

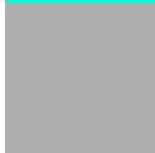


Tritanomaly
4EF3F2

Monochromacy



Original Color
09F9DB



Achromatopsia
AEAEAE



Achromatomaly
72C9BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 09F9DB 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 #09F9DB looks like.

```
.text, #text, p{  
    color:#09F9DB  
}
```

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 #09F9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09F9DB
}
```

Border

The CSS property to change the border of an element to Hex 09F9DB 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
#09F9DB }
```

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

```
.border{ border-color:#09F9DB }
```

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

Here you see how a box with a 4 pixel #09F9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09F9DB; -webkit-box-shadow:4px 4px  
4px 4px #09F9DB; box-shadow:4px 4px 4px  
4px #09F9DB }
```

Background

The CSS property to change the background color of an element to Hex 09F9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09F9DB }
```

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

```
.background{ background-color:#09F9DB }
```

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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