

Converting Colors

Hex(09FCDA)

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

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Color

Hex(09FCDA)

Conversions

Conversions Part 1

Format	Color
Hex	09FCDA
RGB	9, 252, 218
RGB Percent	4%, 99%, 85%
CMY	0.9647, 0.0118, 0.1451
CMYK	0.96, 0.00, 0.13, 0.01
HSL	172°, 98%, 51%
HSV	172°, 96%, 99%
XYZ	47.5779, 74.7408, 78.2485
YIQ	175.4670, -133.9140, -62.0900

Conversions

Conversions Part 2

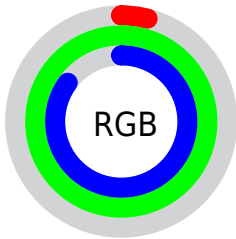
Format	Color
RYB	9, 140, 252
Decimal	654554
CIELab	89.27, -56.75, 2.36
CIELCh	89, 56.804, 177.620
Yxy	74.7408, 0.2372, 0.3726
Android (android.graphics.Color)	4278844634 (0xFF09FCDA)
YUV	175.4670, 20.9688, -145.9916
Hunter-Lab	86.4528, -53.0577, 6.8535

Details

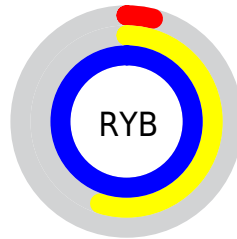
The Hex color **09FCDA** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FC092B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **76FFFF**, and **00C2A3** is the 20% darker color. If you saturate the color by 10%, you get **00FCD9**, and if you desaturate by 10%, it is **22FCDE**.

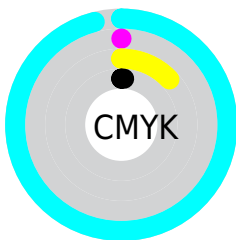
Distribution



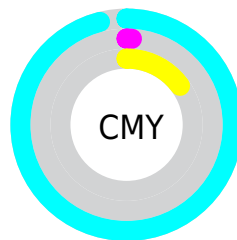
- Red (4%)
- Green (99%)
- Blue (85%)



- Red (4%)
- Yellow (55%)
- Blue (99%)



- Cyan (96%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (96%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 09FCDA

 09FCDA

FFFFFF

 00DFBE

 76FFFF

 00C2A3

 99FFFF

 00A689


 BAffff

 008B70

 DBFFFF

 007057

 FBFFFF

 005740

 003E2A

 002616

 000000

 09FCDA

 09FCDA

 00FCD9

 22FCDE

 3BFCE1

 55FCE5

 6EFCE8

 87FCEC

 A0FCEF

 B9FCF3

 D3FCF6

 ECFCFA

Harmonies

Analogous

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



8CF7A4



09FCDA



00FBFF

Triad

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



09FCDA



DED4FF



FFC886

Complementary

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



09FCDA



FC092B

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.



FFB8B1



09FCDA



FFC0FF

Square

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



09FCDA



7BE7FF



FFB4E7



FFDC72

Rectangle

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



09FCDA



00F8FF



FFB4E7



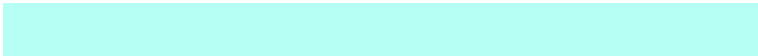
FFC292

Sweetspot

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



09FCDA



B5FFF5



2DFC09



538079



000000



808080

Same Dimension

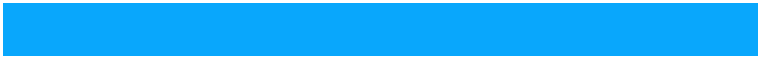
The Same Dimension uses a secret algorithm to generate beautiful new colors.



09FCDA



00FFDB



09A7FC



707D7B



00BDA2



003D35

Inverse Universe

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



FC092B



FF0024



FC5E09



7D7072



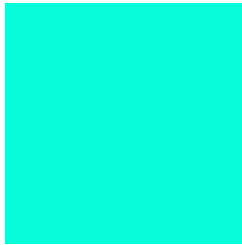
BD001A



3D0009

Previews

White Background



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

Color Contrast Check

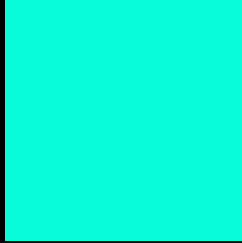
Large Text (above 18pt) WCAG AA × Fail

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 09FCDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

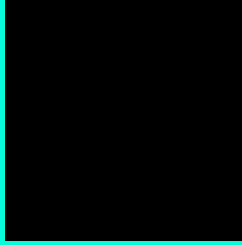
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

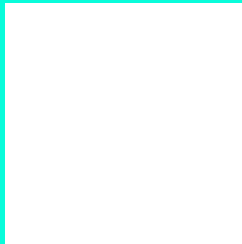
Any Text WCAG AAA ✓ Pass

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

Hex 09FCDA Background



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

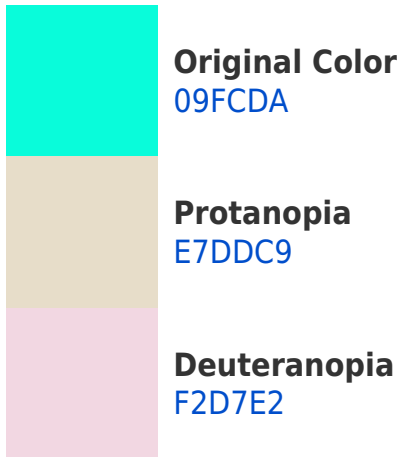


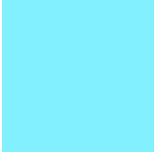
This preview shows how white text looks on a background with the Hex color 09FCDA.

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](#).

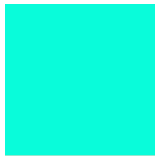
Dichromacy



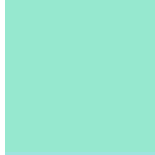


Tritanopia
83F0FF

Trichromacy



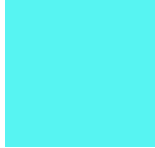
Original Color
09FCDA



Protanomaly
96E8CF



Deuteranomaly
9DE4DF

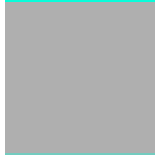


Tritanomaly
57F4F2

Monochromacy



Original Color
09FCDA



Achromatopsia
AFAFAF



Achromatomaly
73CBBF

CSS Examples

Text

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

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

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 #09FCDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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