

Converting Colors

Hex(009FDA)

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

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Color

Hex(009FDA)

Conversions

Conversions Part 1

Format	Color
Hex	009FDA
RGB	0, 159, 218
RGB Percent	0%, 62%, 85%
CMY	1.0000, 0.3765, 0.1451
CMYK	1.00, 0.27, 0.00, 0.15
HSL	196°, 100%, 43%
HSV	196°, 100%, 85%
XYZ	25.0530, 29.8582, 70.7724
YIQ	118.1850, -113.7030, -15.3590

Conversions

Conversions Part 2

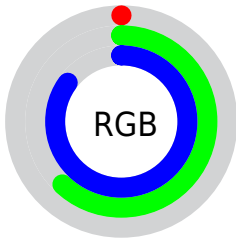
Format	Color
R_{YB}	0, 92, 218
Decimal	40922
CIE _{Lab}	61.53, -13.60, -39.57
CIE _{LCh}	62, 41.844, 251.029
Yxy	29.8582, 0.1993, 0.2376
Android (android.graphics.Color)	4278231002 (0xFF009FDA)
YUV	118.1850, 49.2088, -103.6482
Hunter-Lab	54.6427, -13.7846, -38.5417

Details

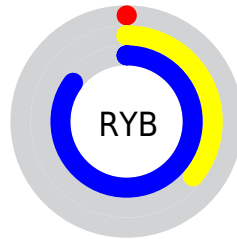
The Hex color **009FDA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DA3B00**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67D6FF**, and **006CA3** is the 20% darker color. If you saturate the color by 10%, you get **009FDA**, and if you desaturate by 10%, it is **16A5DA**.

Distribution



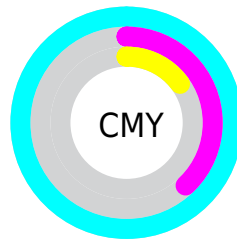
- Red (0%)
- Green (62%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 009FDA

 009FDA

FFFFFF

 0085BE

 67D6FF

 006CA3

 88F2FF

 005488

 A8FFFF

 003D6F


 C7FFFF

 002756

 E6FFFF

 00103E

 000328

 000111

 000000

 009FDA

 16A5DA

 2CABDA

 41B1DA

 57B7DA

 6DBDDA

 83C2DA

 99C8DA

 AECEDA

 C4D4DA

Harmonies

Analogous

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



00A6C4



009FDA



7194DD

Triad

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



009FDA



DB7688



76A05B

Complementary

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



009FDA



DA3B00

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.



9E974A



009FDA



D57D66

Square

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



009FDA



CD7AAE



BF8A4E



42A67B

Rectangle

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



009FDA



998AD4



BF8A4E



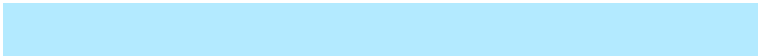
849E53

Sweetspot

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



009FDA



B3EAFF



00DA3A



527380



000000



808080

Same Dimension

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



009FDA



00BAFF



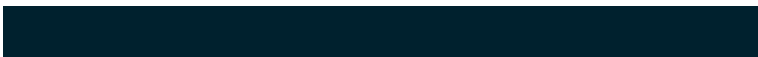
0033DA



636B6E



007EAD



00212E

Inverse Universe

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



DA009F



FF00BA



DAA700



6E636B



AD007E



2E0021

Previews

White Background



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

Color Contrast Check

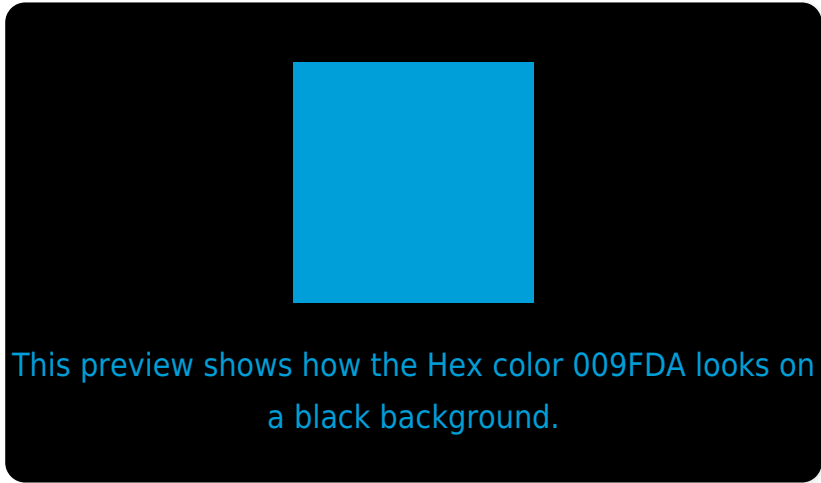
Large Text (above 18pt) WCAG AA ✓ Pass

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 009FDA Background



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

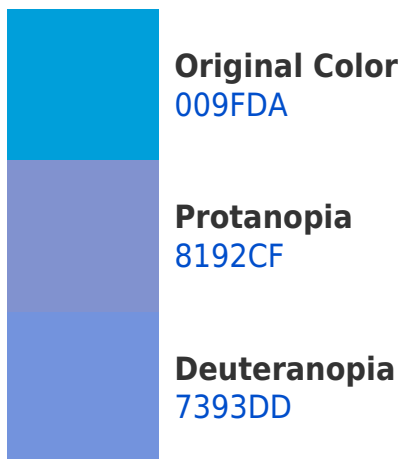


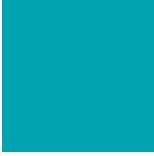
This preview shows how white text looks on a background with the Hex color 009FDA.

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
00A4B1

Trichromacy



Original Color
009FDA



Protanomaly
5297D3



Deuteranomaly
4997DC



Tritanomaly
00A2C0

Monochromacy



Original Color
009FDA



Achromatopsia
767676



Achromatomaly
4B859A

CSS Examples

Text

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

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

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 #009FDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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