

Converting Colors

Hex(009DF9)

Have a look what the booklet for
Hex(009DF9) contains.

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Color

Hex(009DF9)

Conversions

Conversions Part 1

Format	Color
Hex	009DF9
RGB	0, 157, 249
RGB Percent	0%, 62%, 98%
CMY	1.0000, 0.3843, 0.0235
CMYK	1.00, 0.37, 0.00, 0.02
HSL	202°, 100%, 49%
HSV	202°, 100%, 98%
XYZ	29.1559, 30.9535, 94.0605
YIQ	120.5450, -123.1040, -4.6720

Conversions

Conversions Part 2

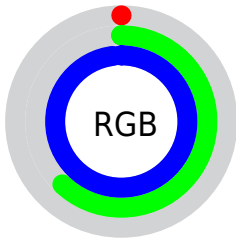
Format	Color
RYB	0, 96, 249
Decimal	40441
CIELab	62.47, -1.02, -55.19
CIELCh	62, 55.197, 268.945
Yxy	30.9535, 0.1891, 0.2008
Android (android.graphics.Color)	4278230521 (0xFF009DF9)
YUV	120.5450, 63.3283, -105.7180
Hunter-Lab	55.6359, -3.8202, -61.2932

Details

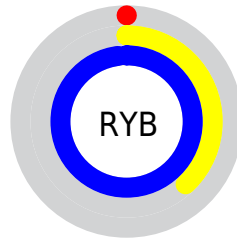
The Hex color **009DF9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F95C00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6FD3FF**, and **006AC0** is the 20% darker color. If you saturate the color by 10%, you get **009DF9**, and if you desaturate by 10%, it is **19A6F9**.

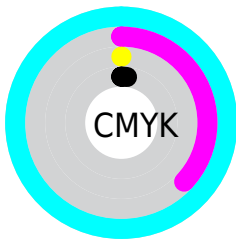
Distribution



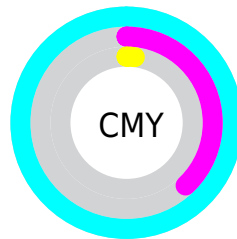
- Red (0%)
- Green (62%)
- Blue (98%)



- Red (0%)
- Yellow (38%)
- Blue (98%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009DF9 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 009DF9 by changing the saturation by 10% instead.

 009DF9

 009DF9

FFFFFF

 0083DC

 6FD3FF

 006AC0

 90EFFF

 0053A4

 B1FFFF

 003C8A

 D1FFFF

 002870

 F0FFFF

 001357

 00063E

 000328

 000111

 009DF9

 19A6F9

 32AFF9

 4BB9F9

 64C2F9

 7DCBF9

 95D4F9

 AEDDF9

 C7E7F9

 EOF0F9

Harmonies

Analogous

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



00A9EA



009DF9



958BED

Triad

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



009DF9



EF706A



3EAB62

Complementary

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



009DF9



F95C00

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.



82A23B



009DF9



D98143

Square

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



009DF9



EE6B9B



B3942E



00AF94

Rectangle

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



009DF9



C17DD8



B3942E



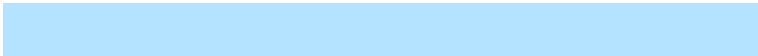
5AA854

Sweetspot

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



009DF9



B3E3FF



00F95B



526F80



000000



808080

Same Dimension

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



009DF9



00A1FF



0021F9



70787D



0077BD



00273D

Inverse Universe

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



F9009D



FF00A1



F9D800



7D7078



BD0077



3D0027

Previews

White Background



This preview shows how the Hex color 009DF9 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 009DF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

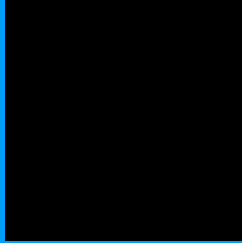
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

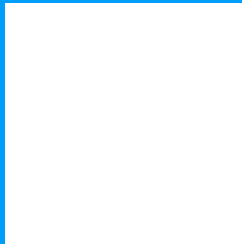
Any Text WCAG AAA ✓ Pass

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

Hex 009DF9 Background



This preview shows how black text looks on a background with the Hex color 009DF9.

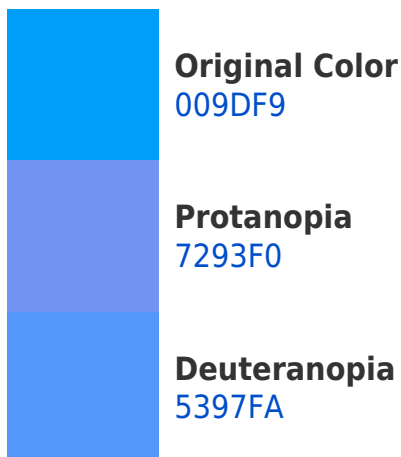


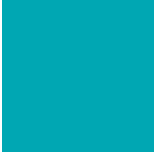
This preview shows how white text looks on a background with the Hex color 009DF9.

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
00A7B3

Trichromacy



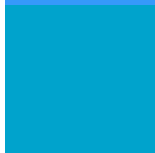
Original Color
009DF9



Protanomaly
4997F3



Deuteranomaly
3599FA



Tritanomaly
00A3CC

Monochromacy



Original Color
009DF9



Achromatopsia
797979



Achromatomaly
4D86A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 009DF9 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 #009DF9 looks like.

```
.text, #text, p{  
    color:#009DF9  
}
```

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 #009DF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009DF9
}
```

Border

The CSS property to change the border of an element to Hex 009DF9 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
#009DF9 }
```

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

```
.border{ border-color:#009DF9 }
```

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

Here you see how a box with a 4 pixel #009DF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009DF9; -webkit-box-shadow:4px 4px  
4px 4px #009DF9; box-shadow:4px 4px 4px  
4px #009DF9 }
```

Background

The CSS property to change the background color of an element to Hex 009DF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009DF9 }
```

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

```
.background{ background-color:#009DF9 }
```

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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