

Converting Colors

Hex(009BDF)

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

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Color

Hex(009BDF)

Conversions

Conversions Part 1

Format	Color
Hex	009BDF
RGB	0, 155, 223
RGB Percent	0%, 61%, 87%
CMY	1.0000, 0.3922, 0.1255
CMYK	1.00, 0.30, 0.00, 0.13
HSL	198°, 100%, 44%
HSV	198°, 100%, 87%
XYZ	25.0406, 28.7704, 74.0455
YIQ	116.4070, -114.2080, -11.7120

Conversions

Conversions Part 2

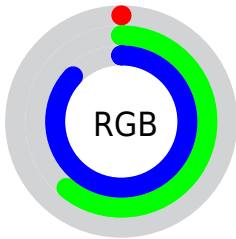
Format	Color
RYB	0, 91, 223
Decimal	39903
CIELab	60.58, -9.55, -43.85
CIELCh	61, 44.873, 257.716
Yxy	28.7704, 0.1958, 0.2250
Android (android.graphics.Color)	4278229983 (0xFF009BDF)
YUV	116.4070, 52.5503, -102.0889
Hunter-Lab	53.6380, -10.5348, -44.3012

Details

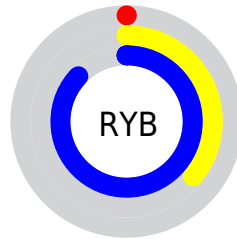
The Hex color **009BDF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DF4400**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68D1FF**, and **0068A7** is the 20% darker color. If you saturate the color by 10%, you get **009BDF**, and if you desaturate by 10%, it is **16A2DF**.

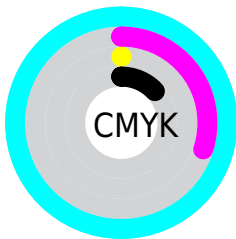
Distribution



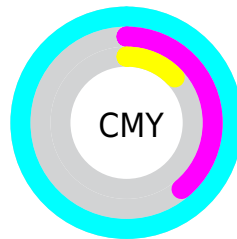
- Red (0%)
- Green (61%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 009BDF

 009BDF

FFFFFF

 0081C3

 68D1FF

 0068A7

 89EDFF

 00508D

 A9FFFF

 003A73

 C8FFFF

 00255A

 E7FFFF

 000B42

 00032B

 000115

 000000

■ 009BDF

■ 16A2DF

■ 2DA9DF

■ 43AFDF

■ 59B6DF

■ 70BDDF

■ 86C4DF

■ 9CCBDF

■ B2D1DF

■ C9D8DF

Harmonies

Analogous

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



00A3CC



009BDF



7A8EDD

Triad

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



009BDF



DD727C



65A05B

Complementary

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



009BDF



DF4400

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.



939744



009BDF



D27C59

Square

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



009BDF



D373A4



B88A43



1BA580

Rectangle

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



009BDF



A384D1



B88A43



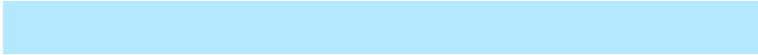
769E51

Sweetspot

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



009BDF



B3E8FF



00DF43



527280



000000



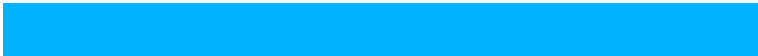
808080

Same Dimension

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



009BDF



00B1FF



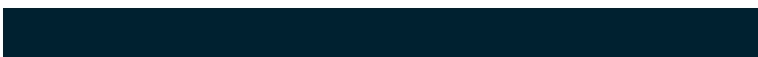
002DDF



656D70



007AB0



002230

Inverse Universe

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



DF009B



FF00B1



DFB200



70656D



B0007A



300022

Previews

White Background



This preview shows how the Hex color 009BDF 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



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

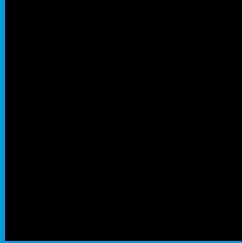
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 009BDF Background



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



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

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



Trichromacy



Original Color
009BDF

Protanomaly
4E93D9

Deuteranomaly
4295E0

Monochromacy



Original Color
009BDF

Achromatopsia
747474

Achromatomaly
4A829B

CSS Examples

Text

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

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

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 #009BDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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