

# Converting Colors

Hex(0D9DF2)

Have a look what the booklet for  
Hex(0D9DF2) contains.

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# **Color**

**Hex(0D9DF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D9DF2
RGB	13, 157, 242
RGB Percent	5%, 62%, 95%
CMY	0.9490, 0.3843, 0.0510
CMYK	0.95, 0.35, 0.00, 0.05
HSL	202°, 90%, 50%
HSV	202°, 95%, 95%
XYZ	28.2500, 30.6103, 88.4239
YIQ	123.6340, -113.1090, -4.0930

# Conversions

## Conversions Part 2

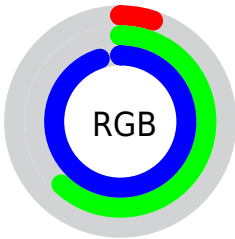
Format	Color
<a href="#">RYB</a>	<a href="#">13, 101, 242</a>
Decimal	892402
CIELab	<a href="#">62.18, -3.29, -51.81</a>
CIELCh	<a href="#">62, 51.911, 266.365</a>
Yxy	<a href="#">30.6103, 0.1918, 0.2078</a>
Android (android.graphics.Color)	<a href="#">4279082482</a> (0xFF0D9DF2)
YUV	<a href="#">123.6340, 58.3544, -97.0260</a>
Hunter-Lab	<a href="#">55.3266, -5.6788, -56.0296</a>

# Details

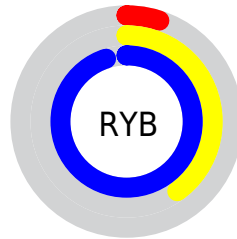
The Hex color **0D9DF2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F2620D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6FD3FF**, and **006AB9** is the 20% darker color. If you saturate the color by 10%, you get **0098F2**, and if you desaturate by 10%, it is **25A6F2**.

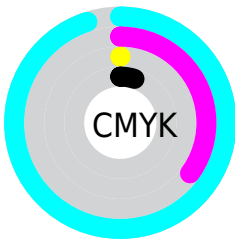
# Distribution



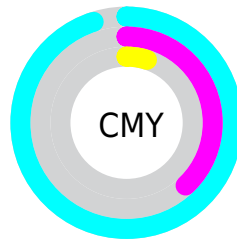
- Red (5%)
- Green (62%)
- Blue (95%)



- Red (5%)
- Yellow (40%)
- Blue (95%)



- Cyan (95%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (38%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D9DF2 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 0D9DF2 by changing the saturation by 10% instead.



 0D9DF2

 0D9DF2

FFFFFF

 0083D5

 6FD3FF

 006AB9

 90EFFF

 00529E

 B0FFFF

 003C83

 D0FFFF

 00276A

 EFFFFF

 001351

 000539

 000223

 000009

■ 0D9DF2

■ 0D9DF2

■ 0098F2

■ 25A6F2

■ 3DAFF2

■ 56B8F2

■ 6EC1F2

■ 86CAF2

■ 9ED3F2

■ B6DCF2

■ CFE5F2

■ E7EEF2

# Harmonies

## Analogous

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



00A8E2



0D9DF2



8F8CE9

# Triad

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



0D9DF2



EA7170



4CA961

# Complementary

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



0D9DF2



F2620D

# 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.



88A03F



0D9DF2



D7814A

# Square

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



0D9DF2



E76E9E



B59236



00AD8F

# Rectangle

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



0D9DF2



B980D6



B59236



63A654

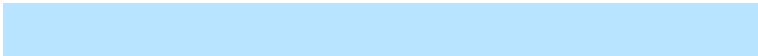


# Sweetspot

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



0D9DF2



B8E4FF



0DF261



546F80



000000



808080

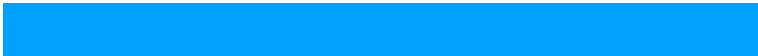


# Same Dimension

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



0D9DF2



00A0FF



0D2CF2



6C7378



0073B8



002338



# Inverse Universe

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



F20D9D



FF00A0



F2D30D



786C73



B80073

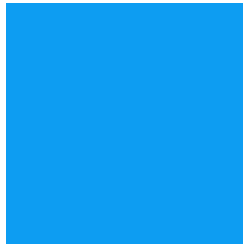


380023



# Previews

## White Background



This preview shows how the Hex color 0D9DF2 looks on a white background.

## Color Contrast Check

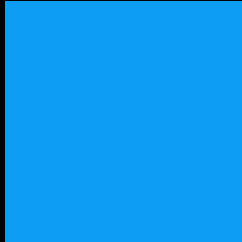
Large Text (above 18pt) WCAG AA × Fail

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 0D9DF2 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

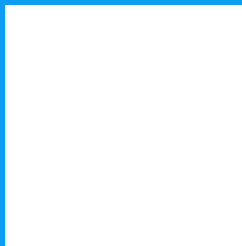
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D9DF2 Background



This preview shows how black text looks on a background with the Hex color 0D9DF2.

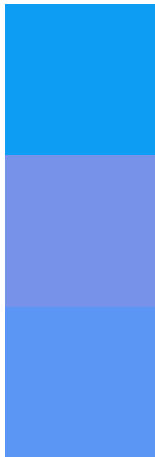


This preview shows how white text looks on a background with the Hex color 0D9DF2.

# 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**  
0D9DF2

**Protanopia**  
7692E9

**Deuteranopia**  
5B96F4



**Tritanopia**  
00A6B2

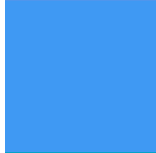
# Trichromacy



**Original Color**  
0D9DF2



**Protanomaly**  
5096EC



**Deuteranomaly**  
3F99F3



**Tritanomaly**  
05A3C9

# Monochromacy



**Original Color**  
0D9DF2



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
5488A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D9DF2 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 #0D9DF2 looks like.

```
.text, #text, p{  
    color:#0D9DF2  
}
```

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 #0D9DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9DF2
}
```

## Border

The CSS property to change the border of an element to Hex 0D9DF2 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
#0D9DF2 }
```

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

```
.border{ border-color:#0D9DF2 }
```

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

Here you see how a box with a 4 pixel #0D9DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9DF2; -webkit-box-shadow:4px 4px  
4px 4px #0D9DF2; box-shadow:4px 4px 4px  
4px #0D9DF2 }
```

# Background

The CSS property to change the background color of an element to Hex 0D9DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9DF2 }
```

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

```
.background{ background-color:#0D9DF2 }
```

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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