

# Converting Colors

Hex(0DA0F4)

Have a look what the booklet for  
Hex(0DA0F4) contains.

<b>Hex(0DA0F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(0DA0F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DA0F4
RGB	13, 160, 244
RGB Percent	5%, 63%, 96%
CMY	0.9490, 0.3725, 0.0431
CMYK	0.95, 0.34, 0.00, 0.04
HSL	202°, 91%, 50%
HSV	202°, 95%, 96%
XYZ	29.0659, 31.7588, 90.1861
YIQ	125.6230, -114.5760, -5.0400

# Conversions

## Conversions Part 2

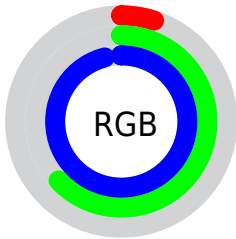
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 103, 244</a>
Decimal	<a href="#">893172</a>
CIELab	<a href="#">63.14, -4.27, -51.37</a>
CIELCh	<a href="#">63, 51.550, 265.246</a>
Yxy	<a href="#">31.7588, 0.1925, 0.2103</a>
Android (android.graphics.Color)	<a href="#">4279083252 (0xFF0DA0F4)</a>
YUV	<a href="#">125.6230, 58.3599, -98.7704</a>
Hunter-Lab	<a href="#">56.3550, -6.5572, -55.4346</a>

# Details

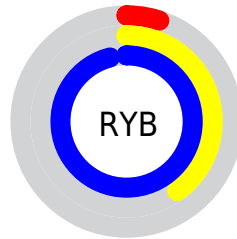
The Hex color **0DA0F4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F4610D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **70D6FF**, and **006DBB** is the 20% darker color. If you saturate the color by 10%, you get **009BF4**, and if you desaturate by 10%, it is **25A9F4**.

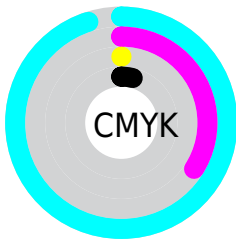
# Distribution



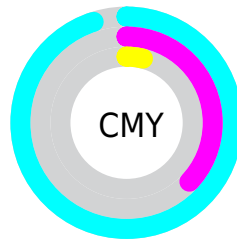
- Red (5%)
- Green (63%)
- Blue (96%)



- Red (5%)
- Yellow (40%)
- Blue (96%)



- Cyan (95%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (37%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DA0F4 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 0DA0F4 by changing the saturation by 10% instead.



 0DA0F4

 0DA0F4

FFFFFF

 0086D7

 70D6FF

 006DBB

 91F3FF

 0055A0

 B1FFFF

 003E85

 D1FFFF

 00296B

 F0FFFF

 001553

 00063B

 000224

 00000C

0DA0F4

0DA0F4

009BF4

25A9F4

3EB2F4

56BBF4

6FC3F4

87CCF4

9FD5F4

B8DEF4

D0E7F4

E9F0F4

# Harmonies

## Analogous

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



00ABE3



0DA0F4



8F90EC

# Triad

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



0DA0F4



ED7474



53AB62

# Complementary

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



0DA0F4



F4610D

# 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.



8CA241



0DA0F4



DB834E

# Square

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



0DA0F4



E971A2



B99439



00AF90

# Rectangle

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



0DA0F4



BA83DA



B99439



68A855

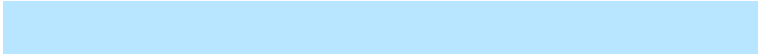


# Sweetspot

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



0DA0F4



B8E5FF



0DF45E



547080



000000



808080

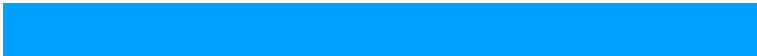


# Same Dimension

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



0DA0F4



00A2FF



0D30F4



6E767A



0076BA



00253B



# Inverse Universe

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



F40DA0



FF00A2



F4D10D



7A6E76



BA0076

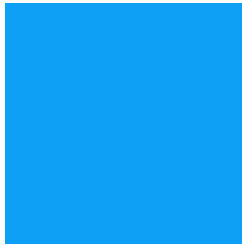


3B0025



# Previews

## White Background



This preview shows how the Hex color 0DA0F4 looks on a white background.

## Color Contrast Check

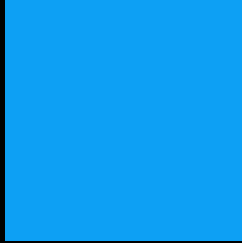
Large Text (above 18pt) WCAG AA × Fail

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 0DA0F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

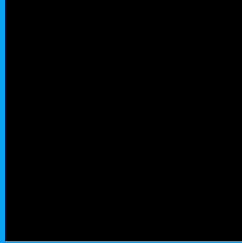
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

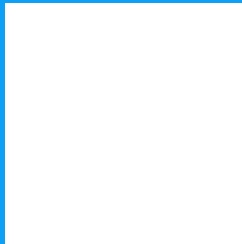
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0DA0F4 Background



This preview shows how black text looks on a background with the Hex color 0DA0F4.



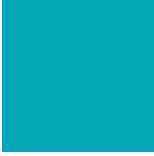
This preview shows how white text looks on a background with the Hex color 0DA0F4.

# 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**  
00A9B5

# Trichromacy



**Original Color**  
0DA0F4



**Protanomaly**  
5299EE



**Deuteranomaly**  
419BF5



**Tritanomaly**  
05A6CC

# Monochromacy



**Original Color**  
0DA0F4



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
558AA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DA0F4 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 #0DA0F4 looks like.

```
.text, #text, p{  
    color:#0DA0F4  
}
```

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 #0DA0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA0F4
}
```

## Border

The CSS property to change the border of an element to Hex 0DA0F4 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
#0DA0F4 }
```

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

```
.border{ border-color:#0DA0F4 }
```

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

Here you see how a box with a 4 pixel #0DA0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA0F4; -webkit-box-shadow:4px 4px  
4px 4px #0DA0F4; box-shadow:4px 4px 4px  
4px #0DA0F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0DA0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA0F4 }
```

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

```
.background{ background-color:#0DA0F4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor