

# Converting Colors

Hex(0D94F2)

Have a look what the booklet for  
Hex(0D94F2) contains.

<b>Hex(0D94F2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0D94F2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D94F2
RGB	13, 148, 242
RGB Percent	5%, 58%, 95%
CMY	0.9490, 0.4196, 0.0510
CMYK	0.95, 0.39, 0.00, 0.05
HSL	205°, 90%, 50%
HSV	205°, 95%, 95%
XYZ	26.7829, 27.6762, 87.9348
YIQ	118.3510, -110.6340, 0.6140

# Conversions

## Conversions Part 2

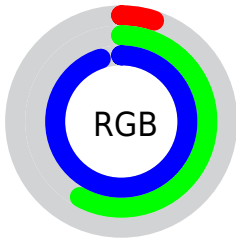
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	13, 98, 242
Decimal	890098
CIE Lab	59.60, 1.96, -55.91
CIE LCh	60, 55.948, 272.007
Yxy	27.6762, 0.1881, 0.1944
Android (android.graphics.Color)	4279080178 (0xFF0D94F2)
YUV	118.3510, 60.9590, -92.3928
Hunter-Lab	52.6082, -1.1896, -62.2779

# Details

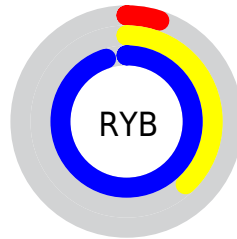
The Hex color **0D94F2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F26B0D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6FCAFF**, and **0062B9** is the 20% darker color. If you saturate the color by 10%, you get **008FF2**, and if you desaturate by 10%, it is **259EF2**.

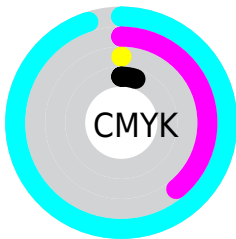
# Distribution



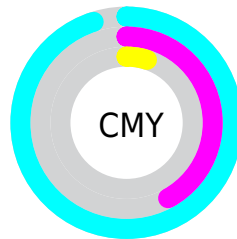
- Red (5%)
- Green (58%)
- Blue (95%)



- Red (5%)
- Yellow (38%)
- Blue (95%)



- Cyan (95%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (42%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D94F2 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 0D94F2 by changing the saturation by 10% instead.



 0D94F2

 0D94F2

FFFFFF

 007BD5

 6FCAFF

 0062B9

 90E5FF

 004B9E

 B0FFFF

 003583

 D0FFFF

 002169

 EFFFFFF

 000A51

 000539

 000222

 000009

■ 0D94F2

■ 0D94F2

■ 008FF2

■ 259EF2

■ 3DA8F2

■ 56B2F2

■ 6EBCF2

■ 86C6F2

■ 9ED0F2

■ B6DAF2

■ CFE3F2

■ E7EDF2

# Harmonies

## Analogous

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



00A0E6



0D94F2



9581E3

# Triad

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



0D94F2



E5695E



25A45F

# Complementary

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



0D94F2



F26B0D

# 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.



749C36



0D94F2



CE7C37

# Square

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



0D94F2



E7628E



A68E24



00A791

# Rectangle

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



0D94F2



BF73CD



A68E24



49A250

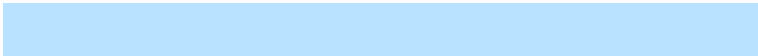


# Sweetspot

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



0D94F2



B8E2FF



0DF269



546E80



000000



808080

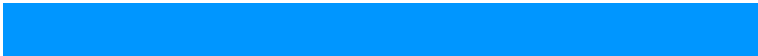


# Same Dimension

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



0D94F2



0096FF



0D24F2



6C7378



006CB8



002138



# Inverse Universe

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



F20D94



FF0096



F2DB0D



786C73



B8006C

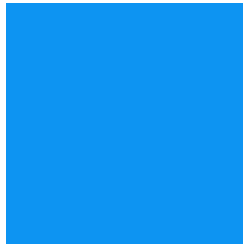


380021



# Previews

## White Background



This preview shows how the Hex color 0D94F2 looks on a white background.

## Color Contrast Check

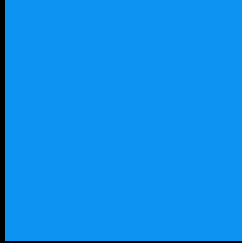
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D94F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

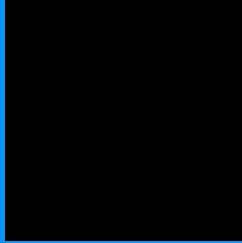
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

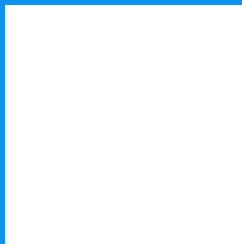
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D94F2 Background



This preview shows how black text looks on a background with the Hex color 0D94F2.



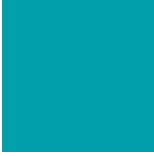
This preview shows how white text looks on a background with the Hex color 0D94F2.

# Color Blindness Simulation

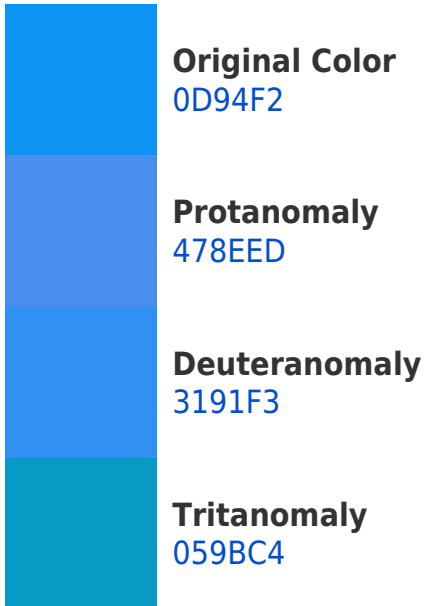
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D94F2 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 #0D94F2 looks like.

```
.text, #text, p{  
    color:#0D94F2  
}
```

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 #0D94F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D94F2
}
```

## Border

The CSS property to change the border of an element to Hex 0D94F2 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
#0D94F2 }
```

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

```
.border{ border-color:#0D94F2 }
```

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

Here you see how a box with a 4 pixel #0D94F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D94F2; -webkit-box-shadow:4px 4px  
4px 4px #0D94F2; box-shadow:4px 4px 4px  
4px #0D94F2 }
```

# Background

The CSS property to change the background color of an element to Hex 0D94F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D94F2 }
```

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

```
.background{ background-color:#0D94F2 }
```

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