

Converting Colors

Hex(0DA3F2)

Have a look what the booklet for
Hex(0DA3F2) contains.

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Color

Hex(0DA3F2)

Conversions

Conversions Part 1

Format	Color
Hex	0DA3F2
RGB	13, 163, 242
RGB Percent	5%, 64%, 95%
CMY	0.9490, 0.3608, 0.0510
CMYK	0.95, 0.33, 0.00, 0.05
HSL	201°, 90%, 50%
HSV	201°, 95%, 95%
XYZ	29.2902, 32.6908, 88.7706
YIQ	127.1560, -114.7590, -7.2310

Conversions

Conversions Part 2

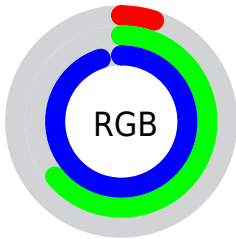
Format	Color
R _Y B	13, 104, 242
Decimal	893938
CIE Lab	63.91, -6.71, -49.06
CIE LCh	64, 49.520, 262.210
Yxy	32.6908, 0.1943, 0.2169
Android (android.graphics.Color)	4279084018 (0xFF0DA3F2)
YUV	127.1560, 56.6181, -100.1148
Hunter-Lab	57.1758, -8.6153, -52.0299

Details

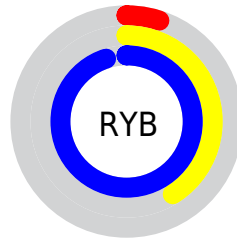
The Hex color **0DA3F2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F25C0D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FDAFF**, and **0070B9** is the 20% darker color. If you saturate the color by 10%, you get **009FF2**, and if you desaturate by 10%, it is **25ABF2**.

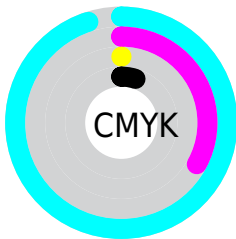
Distribution



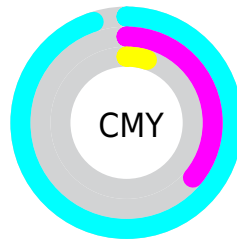
- Red (5%)
- Green (64%)
- Blue (95%)



- Red (5%)
- Yellow (41%)
- Blue (95%)



- Cyan (95%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA3F2 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 0DA3F2 by changing the saturation by 10% instead.

 0DA3F2

 0DA3F2

FFFFFF

 0089D5

 6FDAFF

 0070B9

 91F6FF

 00589E

 B1FFFF

 004184

 D0FFFF

 002B6A

 F0FFFF

 001851

 00053A

 000223

 00000A

0DA3F2

0DA3F2

009FF2

25ABF2

3DB4F2

56BCF2

6EC4F2

86CDF2

9ED5F2

B6DDF2

CFE6F2

E7EEF2

Harmonies

Analogous

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



00ADE0



0DA3F2



8B94ED

Triad

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



0DA3F2



ED777C



5FAC63

Complementary

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



0DA3F2



F25C0D

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.



94A245



0DA3F2



DE8456

Square

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



0DA3F2



E676A8



BE9441



00B08D

Rectangle

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



0DA3F2



B688DD



BE9441



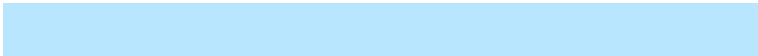
72A957

Sweetspot

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



0DA3F2



B8E6FF



0DF259



547180



000000



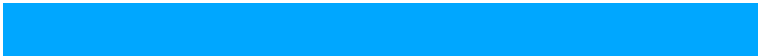
808080

Same Dimension

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



0DA3F2



00A7FF



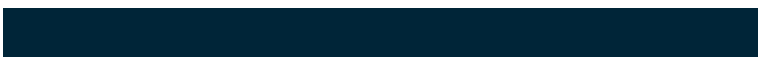
0D33F2



6C7478



0078B8



002538

Inverse Universe

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



F20DA3



FF00A7



F2CC0D



786C74



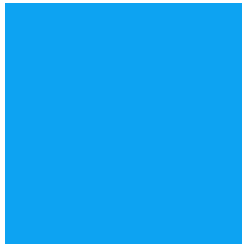
B80078



380025

Previews

White Background



This preview shows how the Hex color 0DA3F2 looks on a white background.

Color Contrast Check

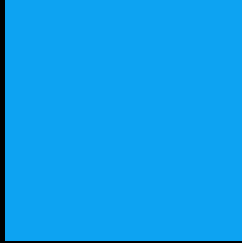
Large Text (above 18pt) WCAG AA × Fail

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 0DA3F2 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

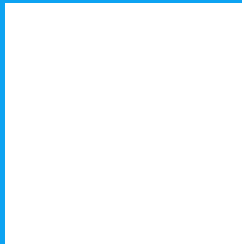
Any Text WCAG AAA ✓ Pass

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

Hex 0DA3F2 Background



This preview shows how black text looks on a background with the Hex color 0DA3F2.

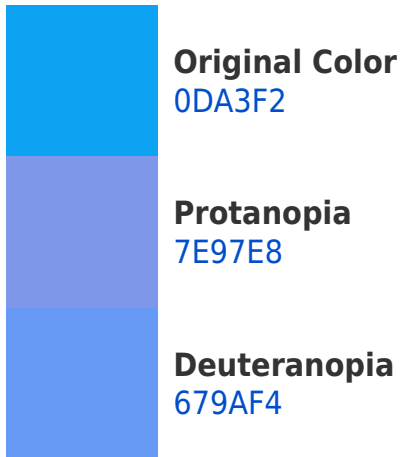


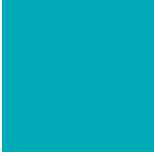
This preview shows how white text looks on a background with the Hex color 0DA3F2.

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
00ABB7

Trichromacy



Original Color
0DA3F2



Protanomaly
559BEC



Deuteranomaly
469DF3



Tritanomaly
05A8CC

Monochromacy



Original Color
0DA3F2



Achromatopsia
7F7F7F



Achromatomaly
568CA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA3F2 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 #0DA3F2 looks like.

```
.text, #text, p{  
    color:#0DA3F2  
}
```

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 #0DA3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA3F2
}
```

Border

The CSS property to change the border of an element to Hex 0DA3F2 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
#0DA3F2 }
```

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

```
.border{ border-color:#0DA3F2 }
```

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

Here you see how a box with a 4 pixel #0DA3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA3F2; -webkit-box-shadow:4px 4px  
4px 4px #0DA3F2; box-shadow:4px 4px 4px  
4px #0DA3F2 }
```

Background

The CSS property to change the background color of an element to Hex 0DA3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA3F2 }
```

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

```
.background{ background-color:#0DA3F2 }
```

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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