

Converting Colors

Hex(0D7DF2)

Have a look what the booklet for
Hex(0D7DF2) contains.

Hex(0D7DF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D7DF2)

Conversions

Conversions Part 1

Format	Color
Hex	0D7DF2
RGB	13, 125, 242
RGB Percent	5%, 49%, 95%
CMY	0.9490, 0.5098, 0.0510
CMYK	0.95, 0.48, 0.00, 0.05
HSL	211°, 90%, 50%
HSV	211°, 95%, 95%
XYZ	23.5266, 21.1636, 86.8494
YIQ	104.8500, -104.3090, 12.6430

Conversions

Conversions Part 2

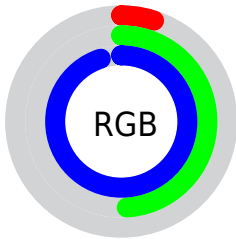
Format	Color
RYB	13, 88, 242
Decimal	884210
CIELab	53.13, 15.97, -66.29
CIElCh	53, 68.191, 283.546
Yxy	21.1636, 0.1789, 0.1609
Android (android.graphics.Color)	4279074290 (0xFF0D7DF2)
YUV	104.8500, 67.6150, -80.5524
Hunter-Lab	46.0039, 10.7788, -79.7291

Details

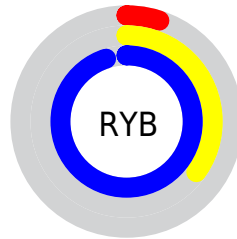
The Hex color **0D7DF2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F2820D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6FB1FF**, and **004DB9** is the 20% darker color. If you saturate the color by 10%, you get **0076F2**, and if you desaturate by 10%, it is **2589F2**.

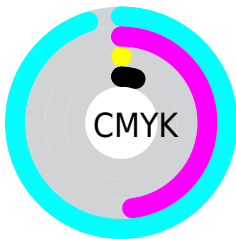
Distribution



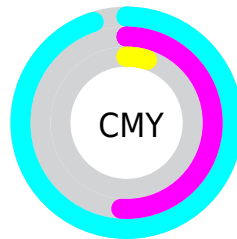
- Red (5%)
- Green (49%)
- Blue (95%)



- Red (5%)
- Yellow (35%)
- Blue (95%)



- Cyan (95%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7DF2 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 0D7DF2 by changing the saturation by 10% instead.

 0D7DF2

 0D7DF2

FFFFFF

 0065D5

 6FB1FF

 004DB9

 90CCFF

 00389D

 B0E8FF

 002483

 D0FFFF

 001069

 F0FFFF

 000A50

 000538

 000221

 000007

■ 0D7DF2

■ 0D7DF2

■ 0076F2

■ 2589F2

■ 3D96F2

■ 56A2F2

■ 6EAEF2

■ 86BBF2

■ 9EC7F2

■ B6D4F2

■ CFE0F2

■ E7ECF2

Harmonies

Analogous

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



008FF0



0D7DF2



A262D5

Triad

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



0D7DF2



D7552F



00975B

Complementary

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



0D7DF2



F2820D

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.



39911D



0D7DF2



B37000

Square

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



0D7DF2



E63D67



808400



009999

Rectangle

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



0D7DF2



CA4DB4



808400



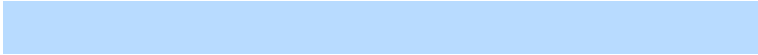
009647

Sweetspot

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



0D7DF2



B8DBFF



0DF27F



546980



000000



808080

Same Dimension

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



0D7DF2



007DFF



0D0DF2



6C7278



005AB8



001B38

Inverse Universe

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



F20D7D



FF007D



F2F20D



786C72



B8005A



38001B

Previews

White Background



This preview shows how the Hex color 0D7DF2 looks on a white background.

Color Contrast Check

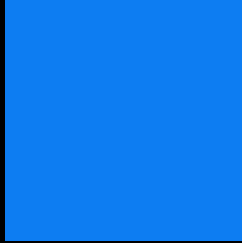
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7DF2 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

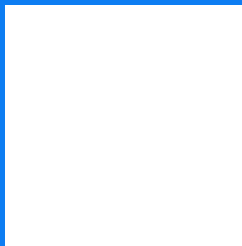
Any Text WCAG AAA × Fail

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

Hex 0D7DF2 Background



This preview shows how black text looks on a background with the Hex color 0D7DF2.



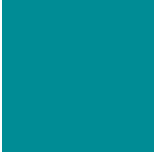
This preview shows how white text looks on a background with the Hex color 0D7DF2.

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
008C95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7DF2 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 #0D7DF2 looks like.

```
.text, #text, p{  
    color:#0D7DF2  
}
```

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 #0D7DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7DF2
}
```

Border

The CSS property to change the border of an element to Hex 0D7DF2 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
#0D7DF2 }
```

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

```
.border{ border-color:#0D7DF2 }
```

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

Here you see how a box with a 4 pixel #0D7DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7DF2; -webkit-box-shadow:4px 4px  
4px 4px #0D7DF2; box-shadow:4px 4px 4px  
4px #0D7DF2 }
```

Background

The CSS property to change the background color of an element to Hex 0D7DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7DF2 }
```

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

```
.background{ background-color:#0D7DF2 }
```

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