

Converting Colors

Hex(0D7FFF)

Have a look what the booklet for
Hex(0D7FFF) contains.

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Color

Hex(0D7FFF)

Conversions

Conversions Part 1

Format	Color
Hex	0D7FFF
RGB	13, 127, 255
RGB Percent	5%, 50%, 100%
CMY	0.9490, 0.5020, 0.0000
CMYK	0.95, 0.50, 0.00, 0.00
HSL	212°, 100%, 53%
HSV	212°, 95%, 100%
XYZ	25.8054, 22.4843, 97.5876
YIQ	107.5060, -109.0320, 15.6400

Conversions

Conversions Part 2

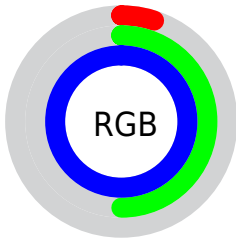
Format	Color
R_{YB}	13, 90, 255
Decimal	884735
CIE _{Lab}	54.54, 19.72, -71.21
CIE _{LCh}	55, 73.895, 285.481
Yxy	22.4843, 0.1769, 0.1541
Android (android.graphics.Color)	4279074815 (0xFF0D7FFF)
YUV	107.5060, 72.7145, -82.8818
Hunter-Lab	47.4176, 14.1614, -88.8291

Details

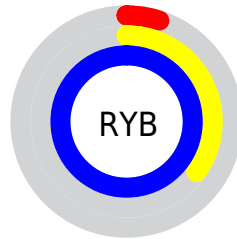
The Hex color **0D7FFF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **FF8D0D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **73B3FF**, and **004FC5** is the 20% darker color. If you saturate the color by 10%, you get **0078FF**, and if you desaturate by 10%, it is **278CFF**.

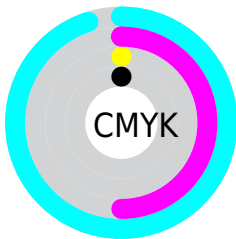
Distribution



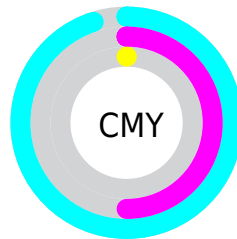
- Red (5%)
- Green (50%)
- Blue (100%)



- Red (5%)
- Yellow (35%)
- Blue (100%)



- Cyan (95%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7FFF 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 0D7FFF by changing the saturation by 10% instead.

 0D7FFF

 0D7FFF

FFFFFF

 0067E2

 73B3FF

 004FC5

 95CEFF

 003AA9

 B5EAFF

 00268E

 D5FFFF


 001474

 F5FFFF

 000D5A

 000742

 00032B

 000115

 0D7FFF

 0D7FFF

 0078FF

 278CFF

 409AFF

 5AA7FF

 73B5FF

 8DC2FF

 A6D0FF

 C0DDFF

 D9EBFF

 F3F8FF

Harmonies

Analogous

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



0093FF



0D7FFF



AD60DD

Triad

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



0D7FFF



E05527



009D60

Complementary

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



0D7FFF



FF8D0D

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.



299619



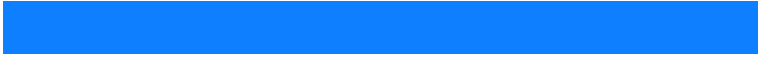
0D7FFF



B77400

Square

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



0D7FFF



F23764



7F8A00



009FA3

Rectangle

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



0D7FFF



D648B9



7F8A00



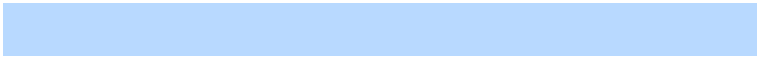
009B4A

Sweetspot

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



0D7FFF



B8D9FF



0DFF8A



546980



000000



808080

Same Dimension

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



0D7FFF



0078FF



110DFF



737980



005ABF



001E40

Inverse Universe

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



FF0D7F



FF0078



FBFF0D



807379



BF005A



40001E

Previews

White Background



This preview shows how the Hex color 0D7FFF looks on a white background.

Color Contrast Check

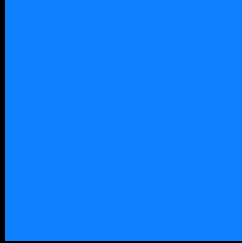
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7FFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

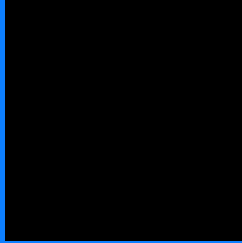
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

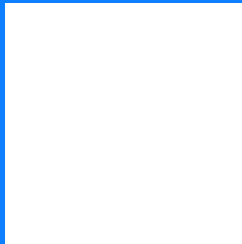
Any Text WCAG AAA × Fail

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

Hex 0D7FFF Background



This preview shows how black text looks on a background with the Hex color 0D7FFF.



This preview shows how white text looks on a background with the Hex color 0D7FFF.

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
0D7FFF

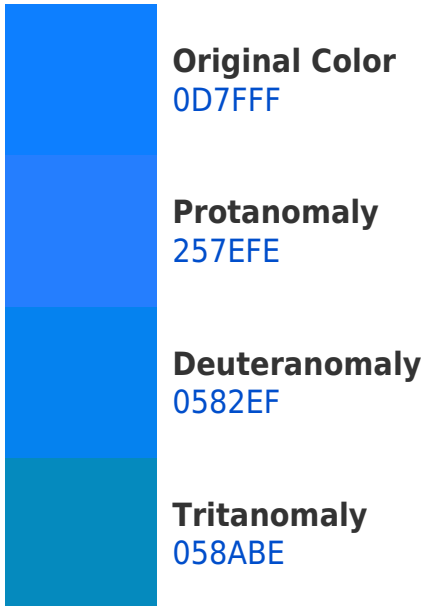
Protanopia
337DFD

Deuteranopia
0084E6

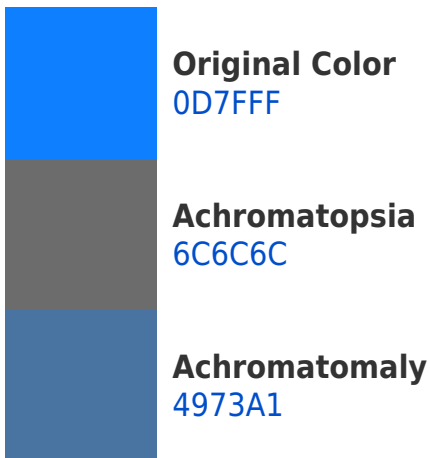


Tritanopia
009099

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7FFF 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 #0D7FFF looks like.

```
.text, #text, p{  
  color:#0D7FFF  
}
```

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 #0D7FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7FFF
}
```

Border

The CSS property to change the border of an element to Hex 0D7FFF 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
#0D7FFF }
```

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

```
.border{ border-color:#0D7FFF }
```

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

Here you see how a box with a 4 pixel #0D7FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7FFF; -webkit-box-shadow:4px 4px  
4px 4px #0D7FFF; box-shadow:4px 4px 4px  
4px #0D7FFF }
```

Background

The CSS property to change the background color of an element to Hex 0D7FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7FFF }
```

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

```
.background{ background-color:#0D7FFF }
```

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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