

Converting Colors

Hex(0D5BFF)

Have a look what the booklet for
Hex(0D5BFF) contains.

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Color

Hex(0D5BFF)

Conversions

Conversions Part 1

Format	Color
Hex	0D5BFF
RGB	13, 91, 255
RGB Percent	5%, 36%, 100%
CMY	0.9490, 0.6431, 0.0000
CMYK	0.95, 0.64, 0.00, 0.00
HSL	221°, 100%, 53%
HSV	221°, 95%, 100%
XYZ	21.9571, 14.7877, 96.3048
YIQ	86.3740, -99.1320, 34.4680

Conversions

Conversions Part 2

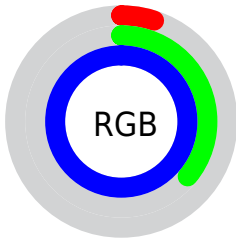
Format	Color
R _Y B	13, 72, 255
Decimal	875519
CIE Lab	45.34, 42.39, -86.22
CIE LCh	45, 96.076, 296.181
Yxy	14.7877, 0.1650, 0.1111
Android (android.graphics.Color)	4279065599 (0xFF0D5BFF)
YUV	86.3740, 83.1326, -64.3490
Hunter-Lab	38.4548, 34.6246, -121.5652

Details

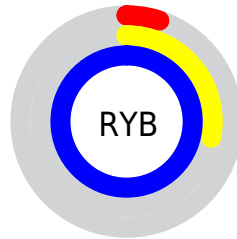
The Hex color **0D5BFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFB10D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **758DFF**, and **002FC5** is the 20% darker color. If you saturate the color by 10%, you get **0052FF**, and if you desaturate by 10%, it is **276CFF**.

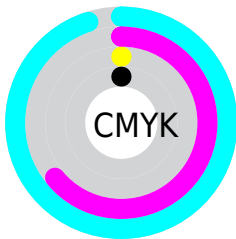
Distribution



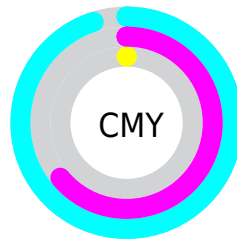
- Red (5%)
- Green (36%)
- Blue (100%)



- Red (5%)
- Yellow (28%)
- Blue (100%)



- Cyan (95%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D5BFF 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 0D5BFF by changing the saturation by 10% instead.

 0D5BFF

 0D5BFF

FFFFFF

 0044E2

 758DFF

 002FC5

 97A7FF

 001CA9

 B8C2FF

 000C8D

 D9DEFF

 000573

 F9FBFF

 000D59

 000741

 00032A

 000114

 0D5BFF

 0D5BFF

 0052FF

 276CFF

 407EFF

 5A8FFF

 73A0FF

 8DB1FF

 A6C3FF

 C0D4FF

 D9E5FF

 F3F7FF

Harmonies

Analogous

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



007BFF



0D5BFF



BC00C7

Triad

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



0D5BFF



C63900



00885E

Complementary

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



0D5BFF



FFB10D

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.



008400



0D5BFF



8C6500

Square

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



0D5BFF



E9002C



3A7B00



008AB1

Rectangle

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



0D5BFF



E10094



3A7B00



008741

Sweetspot

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



0D5BFF



B8CFFF



0DFFAE



546280



000000



808080

Same Dimension

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



0D5BFF



0052FF



350DFF



737780



003EBF



001540

Inverse Universe

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



FF0D5B



FF0052



D7FF0D



807377



BF003E



400015

Previews

White Background



This preview shows how the Hex color 0D5BFF looks on a white background.

Color Contrast Check

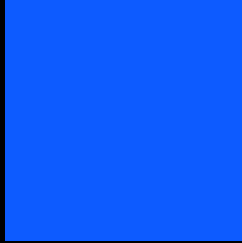
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0D5BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

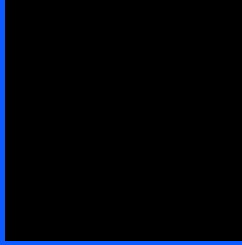
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0D5BFF Background



This preview shows how black text looks on a background with the Hex color 0D5BFF.



This preview shows how white text looks on a background with the Hex color 0D5BFF.

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
0D5BFF

Protanopia
0066D9

Deuteranopia
006DB9



Tritanopia
00767D

Trichromacy



Original Color
0D5BFF

Protanomaly
0562E7

Deuteranomaly
0566D2

Tritanomaly
056CAC

Monochromacy



Original Color
0D5BFF

Achromatopsia
565656

Achromatomaly
3B5893

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D5BFF 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 #0D5BFF looks like.

```
.text, #text, p{  
    color:#0D5BFF  
}
```

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 #0D5BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5BFF
}
```

Border

The CSS property to change the border of an element to Hex 0D5BFF 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
#0D5BFF }
```

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

```
.border{ border-color:#0D5BFF }
```

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

Here you see how a box with a 4 pixel #0D5BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5BFF; -webkit-box-shadow:4px 4px  
4px 4px #0D5BFF; box-shadow:4px 4px 4px  
4px #0D5BFF }
```

Background

The CSS property to change the background color of an element to Hex 0D5BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5BFF }
```

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

```
.background{ background-color:#0D5BFF }
```

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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