

Converting Colors

Hex(0A4DF5)

Have a look what the booklet for
Hex(0A4DF5) contains.

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Color

Hex(0A4DF5)

Conversions

Conversions Part 1

Format	Color
Hex	0A4DF5
RGB	10, 77, 245
RGB Percent	4%, 30%, 96%
CMY	0.9608, 0.6980, 0.0392
CMYK	0.96, 0.69, 0.00, 0.04
HSL	223°, 92%, 50%
HSV	223°, 96%, 96%
XYZ	19.2605, 11.9649, 87.6805
YIQ	76.1190, -93.8600, 38.0440

Conversions

Conversions Part 2

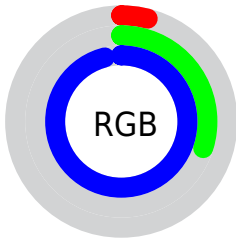
Format	Color
R _Y B	10, 62, 245
Decimal	675317
CIE Lab	41.16, 47.30, -87.52
CIE LCh	41, 99.484, 298.391
Yxy	11.9649, 0.1620, 0.1006
Android (android.graphics.Color)	4278865397 (0xFF0A4DF5)
YUV	76.1190, 83.2583, -57.9864
Hunter-Lab	34.5903, 38.8591, -126.0771

Details

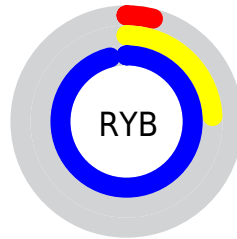
The Hex color **0A4DF5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F5B20A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **737EFF**, and **0021BB** is the 20% darker color. If you saturate the color by 10%, you get **0046F5**, and if you desaturate by 10%, it is **225FF5**.

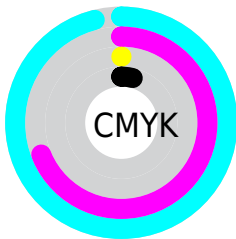
Distribution



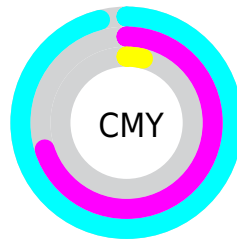
- Red (4%)
- Green (30%)
- Blue (96%)



- Red (4%)
- Yellow (24%)
- Blue (96%)



- Cyan (96%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4DF5 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 0A4DF5 by changing the saturation by 10% instead.

 0A4DF5

 0A4DF5

FFFFFF

 0036D8

 737EFF

 0021BB

 9598FF

 00109F

 B6B3FF

 000084

 D6CEFF

 000B6A

 F6EBFF

 000A50

 000538

 000222

 000008

■ 0A4DF5

■ 0A4DF5

■ 0046F5

■ 225FF5

■ 3B70F5

■ 5482F5

■ 6C93F5

■ 84A5F5

■ 9DB6F5

■ B6C8F5

■ CED9F5

■ E7EBF5

Harmonies

Analogous

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



0070FF



0A4DF5



B800B9

Triad

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



0A4DF5



B72F00



007D5A

Complementary

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



0A4DF5



F5B20A

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.



007A00



0A4DF5



7B5D00

Square

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



0A4DF5



DD001B



1A7100



007FAE

Rectangle

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



0A4DF5



DA0084



1A7100



007C3D

Sweetspot

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



0A4DF5



B5CAFF



0AF5AF



536080



000000



808080

Same Dimension

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



0A4DF5



0049FF



390AF5



6E727A



0035BA



00113B

Inverse Universe

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



F50A4D



FF0049



C6F50A



7A6E72



BA0035



3B0011

Previews

White Background



This preview shows how the Hex color 0A4DF5 looks on a white background.

Color Contrast Check

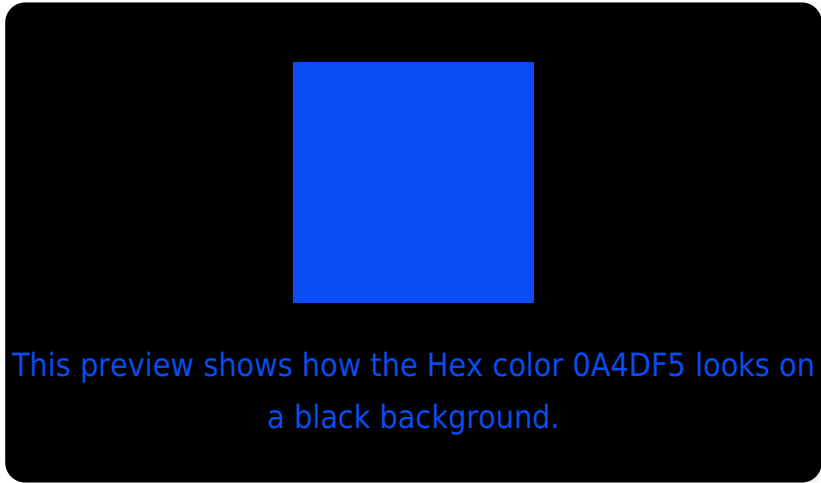
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

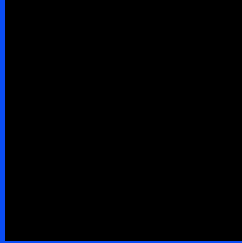
Any Text WCAG AA × Fail

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 0A4DF5 Background



This preview shows how black text looks on a background with the Hex color 0A4DF5.



This preview shows how white text looks on a background with the Hex color 0A4DF5.

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
0A4DF5

Protanopia
005DC4

Deuteranopia
0063A7



Tritanopia
006B71

Trichromacy



Original Color
0A4DF5

Protanomaly
0457D6

Deuteranomaly
045BC3

Tritanomaly
0460A1

Monochromacy



Original Color
0A4DF5

Achromatopsia
4C4C4C

Achromatomaly
344C89

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4DF5 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 #0A4DF5 looks like.

```
.text, #text, p{  
    color:#0A4DF5  
}
```

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 #0A4DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4DF5
}
```

Border

The CSS property to change the border of an element to Hex 0A4DF5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

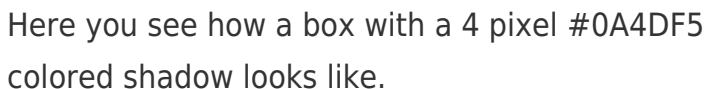
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A4DF5 }
```

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

```
.border{ border-color:#0A4DF5 }
```

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



Here you see how a box with a 4 pixel #0A4DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4DF5; -webkit-box-shadow:4px 4px  
4px 4px #0A4DF5; box-shadow:4px 4px 4px  
4px #0A4DF5 }
```

Background

The CSS property to change the background color of an element to Hex 0A4DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4DF5 }
```

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

```
.background{ background-color:#0A4DF5 }
```

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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