

Converting Colors

Hex(0A4DF8)

Have a look what the booklet for
Hex(0A4DF8) contains.

Hex(0A4DF8)	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(0A4DF8)

Conversions

Conversions Part 1

Format	Color
Hex	0A4DF8
RGB	10, 77, 248
RGB Percent	4%, 30%, 97%
CMY	0.9608, 0.6980, 0.0275
CMYK	0.96, 0.69, 0.00, 0.03
HSL	223°, 94%, 51%
HSV	223°, 96%, 97%
XYZ	19.7223, 12.1496, 90.1126
YIQ	76.4610, -94.8230, 38.9770

Conversions

Conversions Part 2

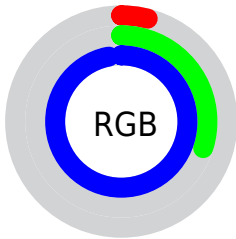
Format	Color
R _Y B	10, 62, 248
Decimal	675320
CIE Lab	41.45, 48.37, -88.72
CIE LCh	41, 101.048, 298.600
Yxy	12.1496, 0.1617, 0.0996
Android (android.graphics.Color)	4278865400 (0xFF0A4DF8)
YUV	76.4610, 84.5687, -58.2863
Hunter-Lab	34.8563, 40.0002, -128.8808

Details

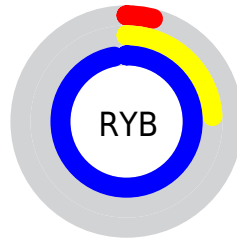
The Hex color **0A4DF8** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F8B50A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **747EFF**, and **0021BE** is the 20% darker color. If you saturate the color by 10%, you get **0046F8**, and if you desaturate by 10%, it is **235FF8**.

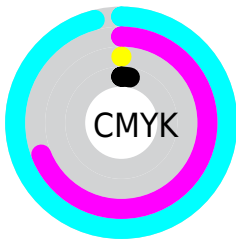
Distribution



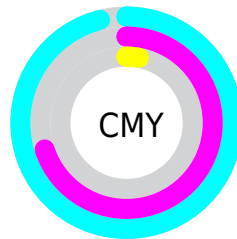
- Red (4%)
- Green (30%)
- Blue (97%)



- Red (4%)
- Yellow (24%)
- Blue (97%)



- Cyan (96%)
- Magenta (69%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (70%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4DF8 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 0A4DF8 by changing the saturation by 10% instead.

 0A4DF8

 0A4DF8

FFFFFF

 0036DB

 747EFF

 0021BE

 9698FF

 000FA2

 B7B3FF

 000087

 D7CFFF

 000B6C

 F7EBFF

 000B53

 00063B

 000224

 00000C

■ 0A4DF8

■ 0A4DF8

■ 0046F8

■ 235FF8

■ 3C71F8

■ 5482F8

■ 6D94F8

■ 86A6F8

■ 9FB8F8

■ B8CAF8

■ D0DCF8

■ E9EDF8

Harmonies

Analogous

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



0071FF



0A4DF8



BA00BA

Triad

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



0A4DF8



B82F00



007E5C

Complementary

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



0A4DF8



F8B50A

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.



007B00



0A4DF8



7B5E00

Square

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



0A4DF8



E0001A



167200



0080B1

Rectangle

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



0A4DF8



DD0085



167200



007D3E

Sweetspot

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



0A4DF8



B5CAFF



0AF8B5



535F80



000000



808080

Same Dimension

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



0A4DF8



0048FF



3E0AF8



70747D



0035BD



00113D

Inverse Universe

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



F80A4D



FF0048



C4F80A



7D7074



BD0035



3D0011

Previews

White Background



This preview shows how the Hex color 0A4DF8 looks on a white background.

Color Contrast Check

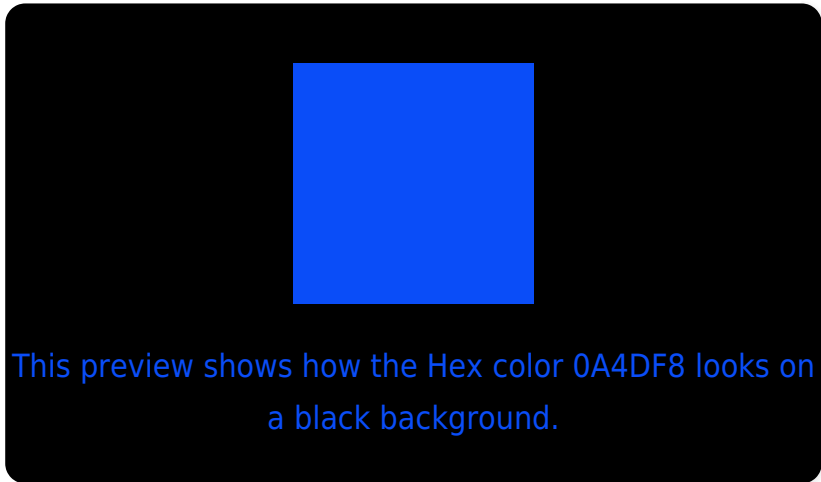
Large Text (above 18pt) WCAG AA ✓ Pass

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

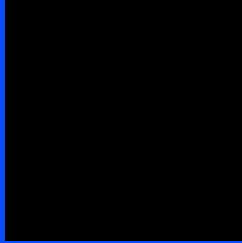
Any Text WCAG AA × Fail

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 0A4DF8 Background



This preview shows how black text looks on a background with the Hex color 0A4DF8.



This preview shows how white text looks on a background with the Hex color 0A4DF8.

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
006C71

Trichromacy



Original Color
0A4DF8

Protanomaly
0457D8

Deuteranomaly
045CC5

Tritanomaly
0461A2

Monochromacy



Original Color
0A4DF8

Achromatopsia
4C4C4C

Achromatomaly
344C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4DF8 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 #0A4DF8 looks like.

```
.text, #text, p{  
    color:#0A4DF8  
}
```

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 #0A4DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4DF8
}
```

Border

The CSS property to change the border of an element to Hex 0A4DF8 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
#0A4DF8 }
```

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

```
.border{ border-color:#0A4DF8 }
```

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

Here you see how a box with a 4 pixel #0A4DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4DF8; -webkit-box-shadow:4px 4px  
4px 4px #0A4DF8; box-shadow:4px 4px 4px  
4px #0A4DF8 }
```

Background

The CSS property to change the background color of an element to Hex 0A4DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4DF8 }
```

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

```
.background{ background-color:#0A4DF8 }
```

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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