

Converting Colors

Hex(0A2AFA)

Have a look what the booklet for
Hex(0A2AFA) contains.

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Color

Hex(0A2AFA)

Conversions

Conversions Part 1

Format	Color
Hex	0A2AFA
RGB	10, 42, 250
RGB Percent	4%, 16%, 98%
CMY	0.9608, 0.8353, 0.0196
CMYK	0.96, 0.83, 0.00, 0.02
HSL	232°, 96%, 51%
HSV	232°, 96%, 98%
XYZ	18.2085, 8.6226, 91.1471
YIQ	56.1440, -85.8400, 57.9040

Conversions

Conversions Part 2

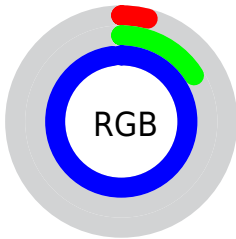
Format	Color
R _Y B	10, 38, 250
Decimal	666362
CIE Lab	35.25, 67.34, -100.13
CIE LCh	35, 120.672, 303.922
Yxy	8.6226, 0.1543, 0.0731
Android (android.graphics.Color)	4278856442 (0xFF0A2AFA)
YUV	56.1440, 95.5710, -40.4683
Hunter-Lab	29.3642, 59.2986, -163.4822

Details

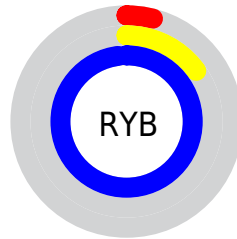
The Hex color **0A2AFA** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FADA0A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **775DFF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **0021FA**, and if you desaturate by 10%, it is **2340FA**.

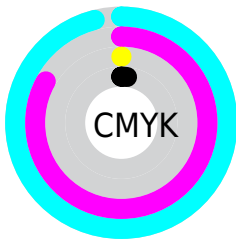
Distribution



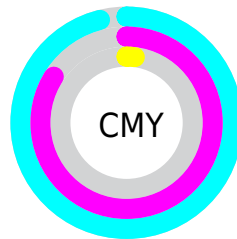
- Red (4%)
- Green (16%)
- Blue (98%)



- Red (4%)
- Yellow (15%)
- Blue (98%)



- Cyan (96%)
- Magenta (83%)
- Yellow (0%)
- Black (2%)



- Cyan (96%)
- Magenta (84%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2AFA 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 0A2AFA by changing the saturation by 10% instead.

 0A2AFA

 0A2AFA

FFFFFF

 000DDD

 775DFF

 0000C0

 9A78FF

 0000A3

 BC92FF

 000088

 DDAEFF

 00106D

 FDCAFF

 000B54

 FFE7FF

 00063C

 000225

 00010E

■ 0A2AFA

■ 0A2AFA

■ 0021FA

■ 2340FA

■ 3C55FA

■ 556BFA

■ 6E81FA

■ 8796FA

■ A0ACFA

■ B9C2FA

■ D2D7FA

■ EBEDFA

Harmonies

Analogous

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



0063FF



0A2AFA



C500AA

Triad

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



0A2AFA



A51A00



006F5E

Complementary

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



0A2AFA



FADA0A

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.



006D00



0A2AFA



5B5500

Square

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



0A2AFA



D70000



006700



0073C0

Rectangle

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



0A2AFA



E4006B



006700



006E3C

Sweetspot

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



0A2AFA



B5BFFF



0AFADA



535980



000000



808080

Same Dimension

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



0A2AFA



0022FF



620AFA



70727D



0019BD



00083D

Inverse Universe

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



FA0A2A



FF0022



A2FA0A



7D7072



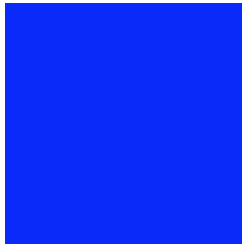
BD0019



3D0008

Previews

White Background



This preview shows how the Hex color 0A2AFA looks on a white background.

Color Contrast Check

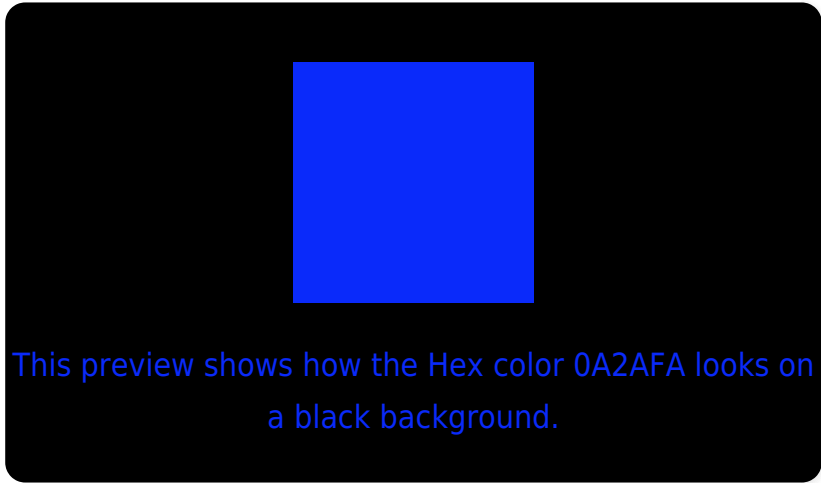
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 0A2AFA Background



This preview shows how black text looks on a background with the Hex color 0A2AFA.

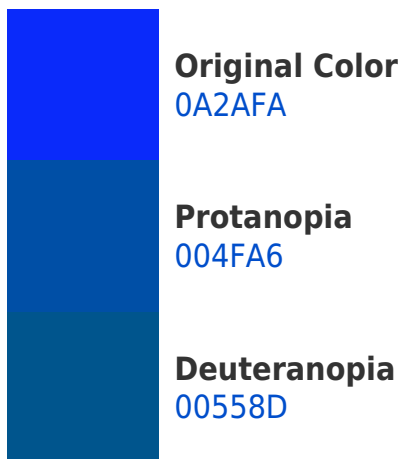


This preview shows how white text looks on a background with the Hex color 0A2AFA.

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



Trichromacy



Original Color
0A2AFA

Protanomaly
0442C5

Deuteranomaly
0445B5

Monochromacy



Original Color
0A2AFA

Achromatopsia
383838

Achromatomaly
27337F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2AFA 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 #0A2AFA looks like.

```
.text, #text, p{  
    color:#0A2AFA  
}
```

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 #0A2AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2AFA
}
```

Border

The CSS property to change the border of an element to Hex 0A2AFA 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
#0A2AFA }
```

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

```
.border{ border-color:#0A2AFA }
```

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

Here you see how a box with a 4 pixel #0A2AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2AFA; -webkit-box-shadow:4px 4px  
4px 4px #0A2AFA; box-shadow:4px 4px 4px  
4px #0A2AFA }
```

Background

The CSS property to change the background color of an element to Hex 0A2AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2AFA }
```

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

```
.background{ background-color:#0A2AFA }
```

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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