

Converting Colors

Hex(0A00FA)

Have a look what the booklet for
Hex(0A00FA) contains.

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Color

Hex(0A00FA)

Conversions

Conversions Part 1

Format	Color
Hex	0A00FA
RGB	10, 0, 250
RGB Percent	4%, 0%, 98%
CMY	0.9608, 1.0000, 0.0196
CMYK	0.96, 1.00, 0.00, 0.02
HSL	242°, 100%, 49%
HSV	242°, 100%, 98%
XYZ	17.3805, 6.9667, 90.8711
YIQ	31.4900, -74.2900, 79.8700

Conversions

Conversions Part 2

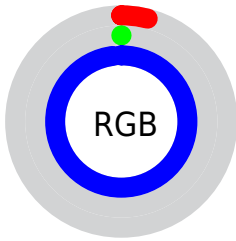
Format	Color
RYB	10, 0, 250
Decimal	655610
CIELab	31.73, 78.06, -106.01
CIElCh	32, 131.648, 306.368
Yxy	6.9667, 0.1508, 0.0605
Android (android.graphics.Color)	4278845690 (0xFF0A00FA)
YUV	31.4900, 107.7254, -18.8467
Hunter-Lab	26.3944, 71.3504, -185.6484

Details

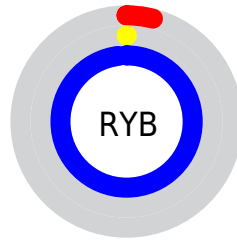
The Hex color **0A00FA** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **F0FA00**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7947FF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **0A00FA**, and if you desaturate by 10%, it is **2219FA**.

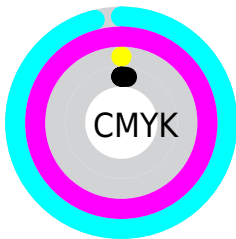
Distribution



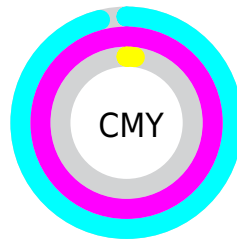
- Red (4%)
- Green (0%)
- Blue (98%)



- Red (4%)
- Yellow (0%)
- Blue (98%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (96%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A00FA 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 0A00FA by changing the saturation by 10% instead.

 0A00FA

 0A00FA

FFFFFF

 0000DC

 7947FF

 0000BF

 9D62FF

 0000A3

 BF7EFF

 000088

 E09AFF

 00126D

 FFB6FF

 000B54

 FFD3FF

 00063C

 FFF0FF

 000225

 00010D

 0A00FA

 2219FA

 3A32FA

 524BFA

 6A64FA

 827DFA

 9A96FA

 B2AFFA

 CAC8FA

 E2E1FA

Harmonies

Analogous

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



005CFF



0A00FA



C900A1

Triad

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



0A00FA



990B00



006760

Complementary

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



0A00FA



F0FA00

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.



006400



0A00FA



485000

Square

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



0A00FA



D10000



005F00



006BC8

Rectangle

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



0A00FA



E5005D



005F00



00663B

Sweetspot

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



0A00FA



B6B3FF



00F2FA



535280



000000



808080

Same Dimension

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



0A00FA



0A00FF



8500FA



71707D



0800BD



02003D

Inverse Universe

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



FA00F0



FF00F5



75FA00



7D707C



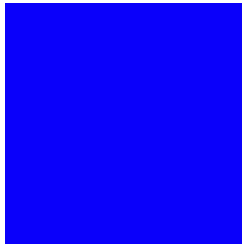
BD00B5



3D003B

Previews

White Background



This preview shows how the Hex color 0A00FA looks on a white background.

Color Contrast Check

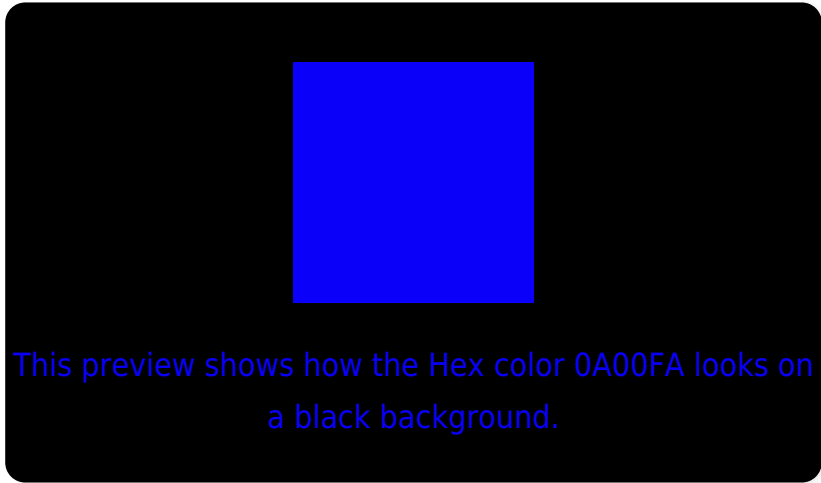
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A00FA Background



This preview shows how black text looks on a background with the Hex color 0A00FA.



This preview shows how white text looks on a background with the Hex color 0A00FA.

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
0A00FA

Protanopia
004999

Deuteranopia
004E82

Trichromacy



Original Color
0A00FA

Protanomaly
042EBC

Deuteranomaly
0432AE

Tritanomaly
043593

Monochromacy



Original Color
0A00FA

Achromatopsia
1F1F1F

Achromatomaly
17146F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A00FA 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 #0A00FA looks like.

```
.text, #text, p{  
    color:#0A00FA  
}
```

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 #0A00FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A00FA
}
```

Border

The CSS property to change the border of an element to Hex 0A00FA 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".

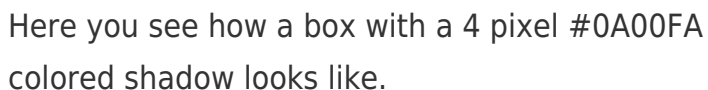
```
.border, #border, table{ border:4px solid
#0A00FA }
```

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

```
.border{ border-color:#0A00FA }
```

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

Here you see how a box with a 4 pixel #0A00FA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A00FA; -webkit-box-shadow:4px 4px  
4px 4px #0A00FA; box-shadow:4px 4px 4px  
4px #0A00FA }
```

Background

The CSS property to change the background color of an element to Hex 0A00FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A00FA }
```

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

```
.background{ background-color:#0A00FA }
```

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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