

Converting Colors

Hex(0A0AE9)

Have a look what the booklet for
Hex(0A0AE9) contains.

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Color

Hex(0A0AE9)

Conversions

Conversions Part 1

Format	Color
Hex	0A0AE9
RGB	10, 10, 233
RGB Percent	4%, 4%, 91%
CMY	0.9608, 0.9608, 0.0863
CMYK	0.96, 0.96, 0.00, 0.09
HSL	240°, 92%, 48%
HSV	240°, 96%, 91%
XYZ	14.9417, 6.1648, 77.4932
YIQ	35.4220, -71.5830, 69.3530

Conversions

Conversions Part 2

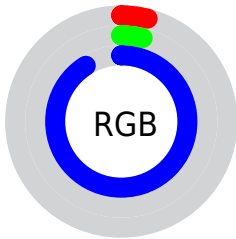
Format	Color
R _Y B	10, 10, 233
Decimal	658153
CIE Lab	29.82, 72.33, -99.56
CIE LCh	30, 123.059, 305.999
Yxy	6.1648, 0.1515, 0.0625
Android (android.graphics.Color)	4278848233 (0xFF0A0AE9)
YUV	35.4220, 97.4060, -22.2951
Hunter-Lab	24.8290, 63.9676, -167.6681

Details

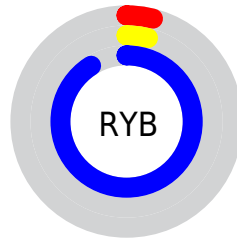
The Hex color **0A0AE9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E9E90A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7448FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **0000E9**, and if you desaturate by 10%, it is **2121E9**.

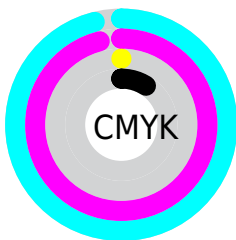
Distribution



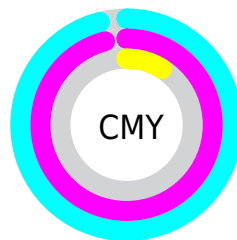
- Red (4%)
- Green (4%)
- Blue (91%)



- Red (4%)
- Yellow (4%)
- Blue (91%)



- Cyan (96%)
- Magenta (96%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (96%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0AE9 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 0A0AE9 by changing the saturation by 10% instead.

 0A0AE9

 0A0AE9

FFFFFF

 0000CC

 7448FF

 0000AF

 9763FF

 000094

 B87EFF

 000279

 D999FF

 000E5F

 F9B5FF

 000846

 FFD2FF

 00042F

 FFEFFF

 000119

 000000

■ 0A0AE9

■ 0A0AE9

■ 0000E9

■ 2121E9

■ 3939E9

■ 5050E9

■ 6767E9

■ 7E7EE9

■ 9696E9

■ ADADE9

■ C4C4E9

■ DCDCE9

Harmonies

Analogous

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



0056FF



0A0AE9



BA0097

Triad

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



0A0AE9



900C00



006159

Complementary

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



0A0AE9



E9E90A

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.



005E00



0A0AE9



464A00

Square

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



0A0AE9



C40000



005A00



0064B9

Rectangle

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



0A0AE9



D60058



005A00



006037

Sweetspot

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



0A0AE9



B5B5FF



0AE9E9



535380



000000



808080

Same Dimension

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



0A0AE9



0000FF



7A0AE9



6A6A75



0000B5



000036

Inverse Universe

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



E90AE9



FF00FF



7AE90A



756A75



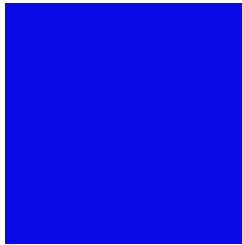
B500B5



360036

Previews

White Background



This preview shows how the Hex color 0A0AE9 looks on a white background.

Color Contrast Check

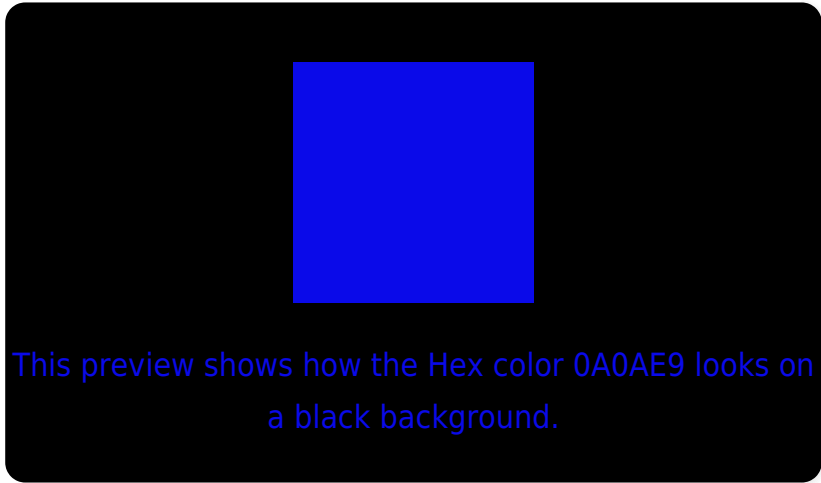
Large Text (above 18pt) WCAG AA ✓ Pass

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

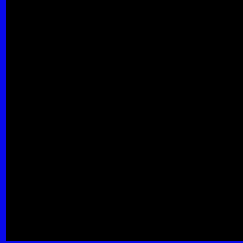
Any Text WCAG AA × Fail

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 0A0AE9 Background



This preview shows how black text looks on a background with the Hex color 0A0AE9.



This preview shows how white text looks on a background with the Hex color 0A0AE9.

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
0A0AE9

Protanopia
00448F

Deuteranopia
004979



Tritanopia
004F52

Trichromacy



Original Color
0A0AE9

Protanomaly
042FB0

Deuteranomaly
0432A2

Tritanomaly
043689

Monochromacy



Original Color
0A0AE9

Achromatopsia
232323

Achromatomaly
1A1A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0AE9 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 #0A0AE9 looks like.

```
.text, #text, p{  
    color:#0A0AE9  
}
```

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 #0A0AE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0AE9
}
```

Border

The CSS property to change the border of an element to Hex 0A0AE9 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
#0A0AE9 }
```

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

```
.border{ border-color:#0A0AE9 }
```

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

Here you see how a box with a 4 pixel #0A0AE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0AE9; -webkit-box-shadow:4px 4px  
4px 4px #0A0AE9; box-shadow:4px 4px 4px  
4px #0A0AE9 }
```

Background

The CSS property to change the background color of an element to Hex 0A0AE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0AE9 }
```

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

```
.background{ background-color:#0A0AE9 }
```

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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