

Converting Colors

Hex(0A0AEE)

Have a look what the booklet for
Hex(0A0AEE) contains.

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Color

Hex(0A0AEE)

Conversions

Conversions Part 1

Format	Color
Hex	0A0AEE
RGB	10, 10, 238
RGB Percent	4%, 4%, 93%
CMY	0.9608, 0.9608, 0.0667
CMYK	0.96, 0.96, 0.00, 0.07
HSL	240°, 92%, 49%
HSV	240°, 96%, 93%
XYZ	15.6663, 6.4547, 81.3091
YIQ	35.9920, -73.1880, 70.9080

Conversions

Conversions Part 2

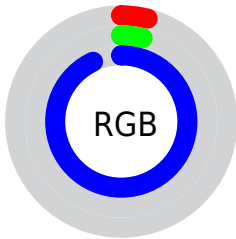
Format	Color
R_{YB}	10, 10, 238
Decimal	658158
CIE _{Lab}	30.53, 73.58, -101.22
CIE _{LCh}	31, 125.138, 306.013
Yxy	6.4547, 0.1515, 0.0624
Android (android.graphics.Color)	4278848238 (0xFF0A0AEE)
YUV	35.9920, 99.5899, -22.7950
Hunter-Lab	25.4060, 65.6094, -171.9667

Details

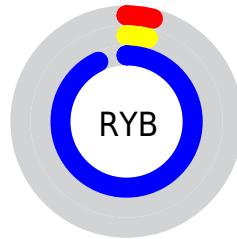
The Hex color **0A0AEE** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **EEEE0A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7649FF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **0000EE**, and if you desaturate by 10%, it is **2222EE**.

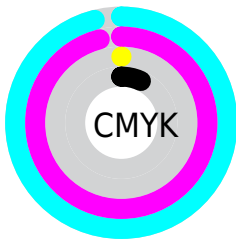
Distribution



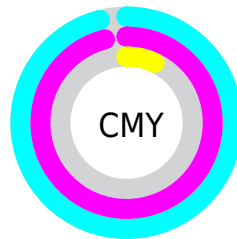
- Red (4%)
- Green (4%)
- Blue (93%)



- Red (4%)
- Yellow (4%)
- Blue (93%)



- Cyan (96%)
- Magenta (96%)
- Yellow (0%)
- Black (7%)



- Cyan (96%)
- Magenta (96%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0AEE 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 0A0AEE by changing the saturation by 10% instead.

 0A0AEE

 0A0AEE

FFFFFF

 0000D1

 7649FF

 0000B4

 9964FF

 000098

 BA7FFF

 00017D

 DB9AFF

 000F63

 FBB6FF

 00094A

 FFD3FF

 000432

 FFF0FF

 00021C

 000000

0A0AEE

0A0AEE

0000EE

2222EE

3A3AEE

5151EE

6969EE

8181EE

9999EE

B1B1EE

C8C8EE

E0E0EE

Harmonies

Analogous

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



0058FF



0A0AEE



BE009A

Triad

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



0A0AEE



930D00



00635B

Complementary

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



0A0AEE



EEEE0A

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.



006000



0A0AEE



474C00

Square

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



0A0AEE



C80000



005C00



0067BD

Rectangle

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



0A0AEE



DA005A



005C00



006238

Sweetspot

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



0A0AEE



B5B5FF



0AEEDD



535380



000000



808080

Same Dimension

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



0A0AEE



0000FF



7C0AEE



6C6C78



0000B8



000038

Inverse Universe

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



EE0AEE



FF00FF



7CEE0A



786C78



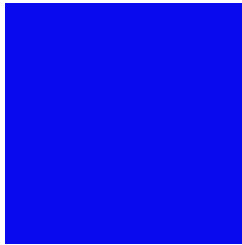
B800B8



380038

Previews

White Background



This preview shows how the Hex color 0A0AEE looks on a white background.

Color Contrast Check

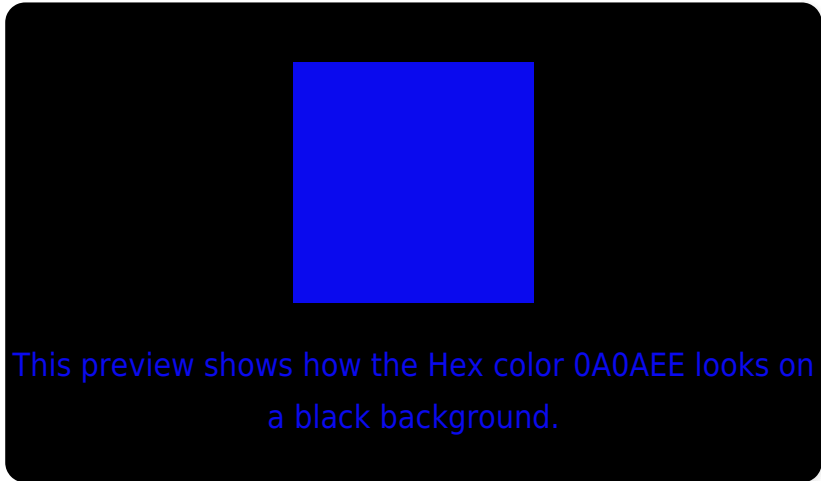
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A0AEE Background



This preview shows how black text looks on a background with the Hex color 0A0AEE.



This preview shows how white text looks on a background with the Hex color 0A0AEE.

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
0A0AEE

Protanopia
004692

Deuteranopia
004B7C

Trichromacy



Original Color
0A0AEE

Protanomaly
0430B3

Deuteranomaly
0433A5

Tritanomaly
04378C

Monochromacy



Original Color
0A0AEE

Achromatopsia
242424

Achromatomaly
1B1B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0AEE 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 #0A0AEE looks like.

```
.text, #text, p{  
    color:#0A0AEE  
}
```

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 #0A0AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0AEE
}
```

Border

The CSS property to change the border of an element to Hex 0A0AEE 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".

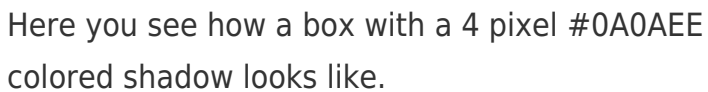
```
.border, #border, table{ border:4px solid
#0A0AEE }
```

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

```
.border{ border-color:#0A0AEE }
```

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

Here you see how a box with a 4 pixel #0A0AEE 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 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0AEE; -webkit-box-shadow:4px 4px  
4px 4px #0A0AEE; box-shadow:4px 4px 4px  
4px #0A0AEE }
```

Background

The CSS property to change the background color of an element to Hex 0A0AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0AEE }
```

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

```
.background{ background-color:#0A0AEE }
```

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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