

Converting Colors

Hex(0A0ACE)

Have a look what the booklet for
Hex(0A0ACE) contains.

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Color

Hex(0A0ACE)

Conversions

Conversions Part 1

Format	Color
Hex	0A0ACE
RGB	10, 10, 206
RGB Percent	4%, 4%, 81%
CMY	0.9608, 0.9608, 0.1922
CMYK	0.95, 0.95, 0.00, 0.19
HSL	240°, 91%, 42%
HSV	240°, 95%, 81%
XYZ	11.3743, 4.7378, 58.7075
YIQ	32.3440, -62.9160, 60.9560

Conversions

Conversions Part 2

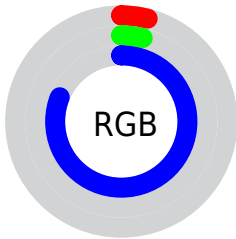
Format	Color
R_{YB}	10, 10, 206
Decimal	658126
CIE _{Lab}	25.97, 65.47, -90.41
CIE _{LCh}	26, 111.628, 305.909
Yxy	4.7378, 0.1520, 0.0633
Android (android.graphics.Color)	4278848206 (0xFF0A0ACE)
YUV	32.3440, 85.6124, -19.5957
Hunter-Lab	21.7666, 55.1850, -144.6768

Details

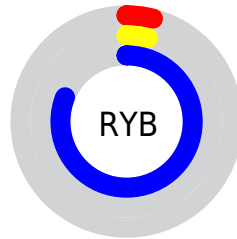
The Hex color **0A0ACE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CECE0A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6C44FF**, and **000096** is the 20% darker color. If you saturate the color by 10%, you get **0000CE**, and if you desaturate by 10%, it is **1F1FCE**.

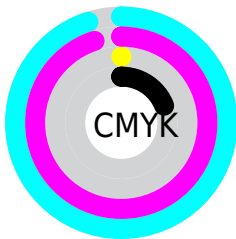
Distribution



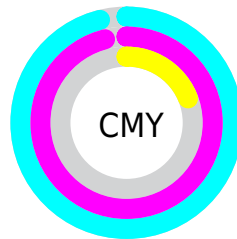
- Red (4%)
- Green (4%)
- Blue (81%)



- Red (4%)
- Yellow (4%)
- Blue (81%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (96%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0ACE 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 0A0ACE by changing the saturation by 10% instead.

 0A0ACE

 0A0ACE

FFFFFF

 0000B2

 6C44FF

 000096

 8E5EFF

 00007B

 AE79FF

 000B61

 CE94FF

 000848

 EDB0FF

 000430

 FFCCFF

 00011B

 FFE9FF

 000000

 0A0ACE

 0A0ACE

■ 0000CE

■ 1F1FCE

■ 3333CE

■ 4848CE

■ 5C5CCE

■ 7171CE

■ 8686CE

■ 9A9ACE

■ AFAFCE

■ C3C3CE

Harmonies

Analogous

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



004BF1



0A0ACE



A40085

Triad

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



0A0ACE



7F0B00



00564E

Complementary

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



0A0ACE



CECE0A

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.



005300



0A0ACE



3D4100

Square

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



0A0ACE



AD0000



004F00



0058A3

Rectangle

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



0A0ACE



BD004E



004F00



00552F

Sweetspot

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



0A0ACE



B5B5FF



0ACECE



535380



000000



808080

Same Dimension

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



0A0ACE



0000FF



6C0ACE



5C5C66



0000A6



000026

Inverse Universe

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



CE0ACE



FF00FF



6CCE0A



665C66



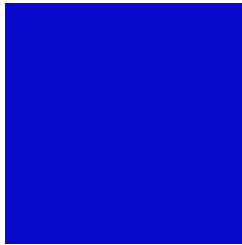
A600A6



260026

Previews

White Background



This preview shows how the Hex color 0A0ACE looks on a white background.

Color Contrast Check

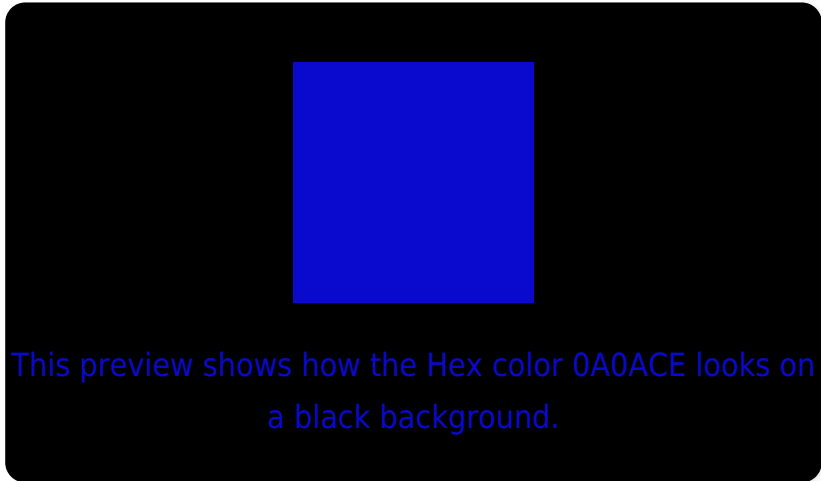
Large Text (above 18pt) WCAG AA ✓ Pass

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

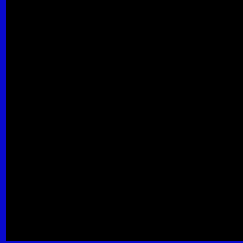
Any Text WCAG AA × Fail

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 0A0ACE Background



This preview shows how black text looks on a background with the Hex color 0A0ACE.



This preview shows how white text looks on a background with the Hex color 0A0ACE.

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
0A0ACE

Protanomaly
042A9C

Deuteranomaly
042D90

Tritanomaly
043079

Monochromacy



Original Color
0A0ACE

Achromatopsia
202020

Achromatomaly
18185F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0ACE 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 #0A0ACE looks like.

```
.text, #text, p{  
    color:#0A0ACE  
}
```

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 #0A0ACE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0ACE
}
```

Border

The CSS property to change the border of an element to Hex 0A0ACE 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".

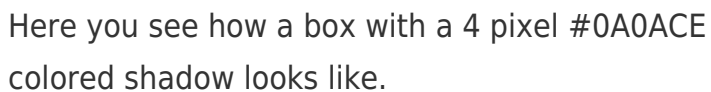
```
.border, #border, table{ border:4px solid
#0A0ACE }
```

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

```
.border{ border-color:#0A0ACE }
```

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

Here you see how a box with a 4 pixel #0A0ACE 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 offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0ACE; -webkit-box-shadow:4px 4px  
4px 4px #0A0ACE; box-shadow:4px 4px 4px  
4px #0A0ACE }
```

Background

The CSS property to change the background color of an element to Hex 0A0ACE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0ACE }
```

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

```
.background{ background-color:#0A0ACE }
```

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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