

Converting Colors

Hex(0A00DE)

Have a look what the booklet for
Hex(0A00DE) contains.

Hex(0A00DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A00DE)

Conversions

Conversions Part 1

Format	Color
Hex	0A00DE
RGB	10, 0, 222
RGB Percent	4%, 0%, 87%
CMY	0.9608, 1.0000, 0.1294
CMYK	0.95, 1.00, 0.00, 0.13
HSL	243°, 100%, 44%
HSV	243°, 100%, 87%
XYZ	13.3100, 5.3385, 69.4362
YIQ	28.2980, -65.3020, 71.1620

Conversions

Conversions Part 2

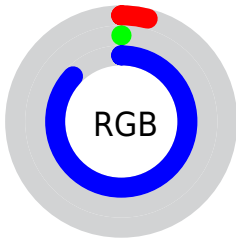
Format	Color
R _Y B	10, 0, 222
Decimal	655582
CIE Lab	27.68, 71.38, -96.84
CIE LCh	28, 120.306, 306.393
Yxy	5.3385, 0.1511, 0.0606
Android (android.graphics.Color)	4278845662 (0xFF0A00DE)
YUV	28.2980, 95.4951, -16.0473
Hunter-Lab	23.1051, 62.3933, -162.0065

Details

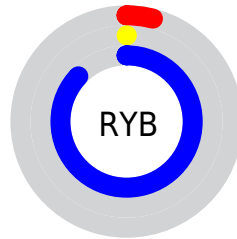
The Hex color **0A00DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D4DE00**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7143FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **0A00DE**, and if you desaturate by 10%, it is **1F16DE**.

Distribution



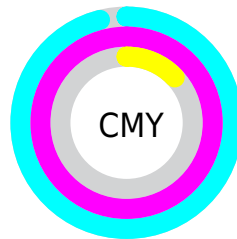
- Red (4%)
- Green (0%)
- Blue (87%)



- Red (4%)
- Yellow (0%)
- Blue (87%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A00DE 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 0A00DE by changing the saturation by 10% instead.

 0A00DE

 0A00DE

FFFFFF

 0000C1

 7143FF

 0000A5

 945DFF

 00008A

 B478FF

 00066F

 D594FF

 000C55

 F5B0FF

 00063D

 FFCCFF

 000326

 FFE9FF

 00010F

 000000

 0A00DE

 1F16DE

 342CDE

 4A43DE

 5F59DE

 746FDE

 8985DE

 9E9BDE

 B4B2DE

 C9C8DE

Harmonies

Analogous

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



0051FF



0A00DE



B2008E

Triad

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



0A00DE



870900



005B54

Complementary

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



0A00DE



D4DE00

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.



005800



0A00DE



3F4600

Square

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



0A00DE



BA0000



005400



005EB2

Rectangle

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



0A00DE



CC0052



005400



005A34

Sweetspot

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



0A00DE



B6B3FF



00D7DE



545280



000000



808080

Same Dimension

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



0A00DE



0B00FF



7600DE



656570



0800B0



020030

Inverse Universe

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



DE00D4



FF00F4



68DE00



706570



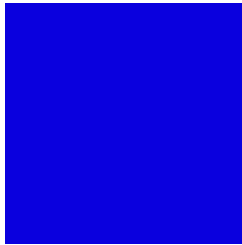
B000A8



30002E

Previews

White Background



This preview shows how the Hex color 0A00DE looks on a white background.

Color Contrast Check

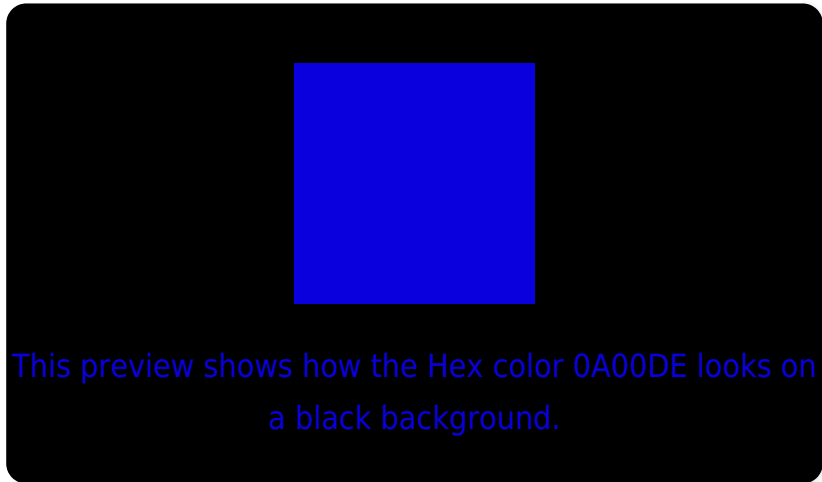
Large Text (above 18pt) WCAG AA ✓ Pass

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

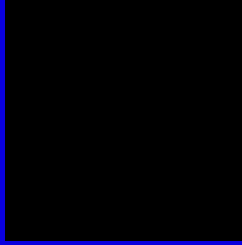
Any Text WCAG AA × Fail

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 0A00DE Background



This preview shows how black text looks on a background with the Hex color 0A00DE.



This preview shows how white text looks on a background with the Hex color 0A00DE.

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
0A00DE

Protanopia
004188

Deuteranopia
004573



Tritanopia
004B4E

Trichromacy



Original Color
0A00DE

Protanomaly
0429A7

Deuteranomaly
042C9A

Tritanomaly
043082

Monochromacy



Original Color
0A00DE

Achromatopsia
1C1C1C

Achromatomaly
151263

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A00DE 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 #0A00DE looks like.

```
.text, #text, p{  
    color:#0A00DE  
}
```

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 #0A00DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A00DE
}
```

Border

The CSS property to change the border of an element to Hex 0A00DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

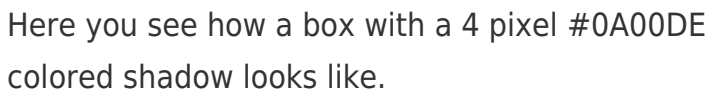
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A00DE }
```

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

```
.border{ border-color:#0A00DE }
```

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



Here you see how a box with a 4 pixel #0A00DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A00DE; -webkit-box-shadow:4px 4px  
4px 4px #0A00DE; box-shadow:4px 4px 4px  
4px #0A00DE }
```

Background

The CSS property to change the background color of an element to Hex 0A00DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A00DE }
```

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

```
.background{ background-color:#0A00DE }
```

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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