

Converting Colors

Hex(000CE1)

Have a look what the booklet for
Hex(000CE1) contains.

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Color

Hex(000CE1)

Conversions

Conversions Part 1

Format	Color
Hex	000CE1
RGB	0, 12, 225
RGB Percent	0%, 5%, 88%
CMY	1.0000, 0.9529, 0.1176
CMYK	1.00, 0.95, 0.00, 0.12
HSL	237°, 100%, 44%
HSV	237°, 100%, 88%
XYZ	13.7221, 5.6992, 71.6110
YIQ	32.6940, -75.5250, 63.6990

Conversions

Conversions Part 2

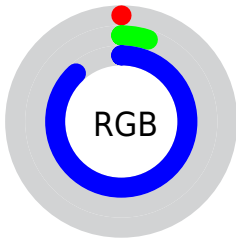
Format	Color
RYB	0, 11, 225
Decimal	3297
CIELab	28.64, 69.88, -96.96
CIELCh	29, 119.521, 305.781
Yxy	5.6992, 0.1507, 0.0626
Android (android.graphics.Color)	4278193377 (0xFF000CE1)
YUV	32.6940, 94.8069, -28.6726
Hunter-Lab	23.8730, 60.8233, -161.1392

Details

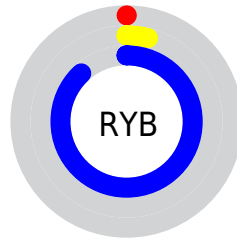
The Hex color **000CE1** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E1D500**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7047FF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **000CE1**, and if you desaturate by 10%, it is **1621E1**.

Distribution



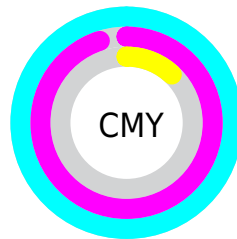
- Red (0%)
- Green (5%)
- Blue (88%)



- Red (0%)
- Yellow (4%)
- Blue (88%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (95%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000CE1 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 000CE1 by changing the saturation by 10% instead.

000CE1

000CE1

FFFFFF

0000C4

7047FF

0000A8

9362FF

00008C

B47DFF

000571

D498FF

000C58

F4B4FF

00073F

FFD0FF

000329

FFEDFF

000112

000000

 000CE1

 1621E1

 2D37E1

 444CE1

 5A61E1

 7176E1

 878CE1

 9DA1E1

 B4B6E1

 CBCCE1

Harmonies

Analogous

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



0053FF



000CE1



B30092

Triad

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



000CE1



8B0B00



005D55

Complementary

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



000CE1



E1D500

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.



005B00



000CE1



444700

Square

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



000CE1



BD0000



005600



0061B2

Rectangle

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



000CE1



CE0055



005600



005C34

Sweetspot

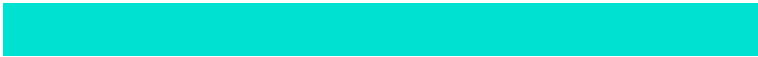
The Sweet Spot groups the original color and five complimentary colors.



000CE1



B3B7FF



00E1D2



525480



000000



808080

Same Dimension

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



000CE1



000EFF



6200E1



656670



0009B0



000330

Inverse Universe

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



E1000C



FF000E



7FE100



706566



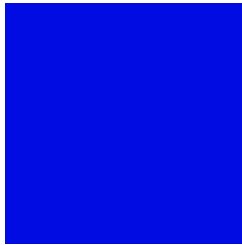
B00009



300003

Previews

White Background



This preview shows how the Hex color 000CE1 looks on a white background.

Color Contrast Check

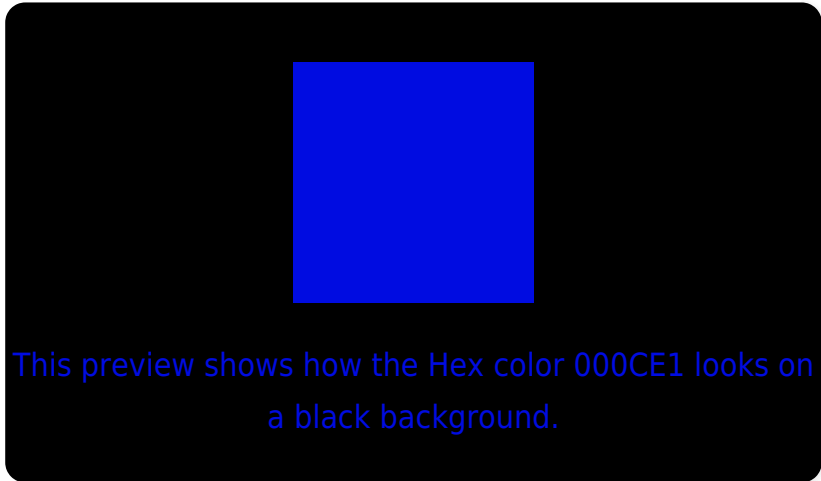
Large Text (above 18pt) WCAG AA ✓ Pass

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 000CE1 Background



This preview shows how black text looks on a background with the Hex color 000CE1.



This preview shows how white text looks on a background with the Hex color 000CE1.

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
000CE1

Protanopia
00428B

Deuteranopia
004775



Tritanopia
004C50

Trichromacy



Original Color
000CE1

Protanomaly
002EAA

Deuteranomaly
00329C

Tritanomaly
003585

Monochromacy



Original Color
000CE1

Achromatopsia
212121

Achromatomaly
151967

CSS Examples

Text

The CSS property to change the color of the text to Hex 000CE1 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 #000CE1 looks like.

```
.text, #text, p{  
    color:#000CE1  
}
```

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 #000CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000CE1
}
```

Border

The CSS property to change the border of an element to Hex 000CE1 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
#000CE1 }
```

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

```
.border{ border-color:#000CE1 }
```

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

Here you see how a box with a 4 pixel #000CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000CE1; -webkit-box-shadow:4px 4px  
4px 4px #000CE1; box-shadow:4px 4px 4px  
4px #000CE1 }
```

Background

The CSS property to change the background color of an element to Hex 000CE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000CE1 }
```

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

```
.background{ background-color:#000CE1 }
```

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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