

Converting Colors

Hex(000DE2)

Have a look what the booklet for
Hex(000DE2) contains.

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Color

Hex(000DE2)

Conversions

Conversions Part 1

Format	Color
Hex	000DE2
RGB	0, 13, 226
RGB Percent	0%, 5%, 89%
CMY	1.0000, 0.9490, 0.1137
CMYK	1.00, 0.94, 0.00, 0.11
HSL	237°, 100%, 44%
HSV	237°, 100%, 89%
XYZ	13.8714, 5.7788, 72.3358
YIQ	33.3950, -76.1210, 63.4870

Conversions

Conversions Part 2

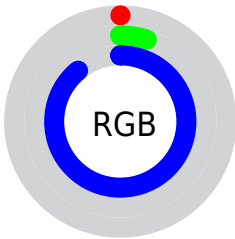
Format	Color
RYB	0, 12, 226
Decimal	3554
CIELab	28.85, 69.94, -97.19
CIElCh	29, 119.739, 305.739
Yxy	5.7788, 0.1508, 0.0628
Android (android.graphics.Color)	4278193634 (0xFF000DE2)
YUV	33.3950, 94.9543, -29.2874
Hunter-Lab	24.0392, 60.9316, -161.5807

Details

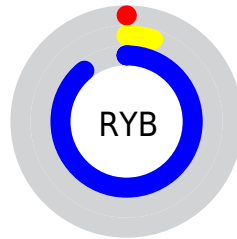
The Hex color **000DE2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E2D500**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7048FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **000DE2**, and if you desaturate by 10%, it is **1722E2**.

Distribution



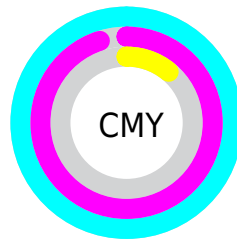
- Red (0%)
- Green (5%)
- Blue (89%)



- Red (0%)
- Yellow (5%)
- Blue (89%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000DE2 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 000DE2 by changing the saturation by 10% instead.

 000DE2

 000DE2

FFFFFF

 0000C5

 7048FF

 0000A9

 9363FF

 00008D

 B47DFF

 000572

 D499FF

 000D59

 F5B5FF

 000740

 FFD1FF

 000329

 FFEEFF

 000113

 000000

 000DE2

 1722E2

 2D38E2

 444DE2

 5A62E2

 7178E2

 888DE2

 9EA2E2

 B5B7E2

 CBCDE2

Harmonies

Analogous

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



0053FF



000DE2



B40093

Triad

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



000DE2



8C0B00



005E55

Complementary

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



000DE2



E2D500

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



000DE2



444800

Square

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



000DE2



BE0000



005700



0061B3

Rectangle

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



000DE2



CF0056



005700



005D34

Sweetspot

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



000DE2



B3B7FF



00E2D3



525480



000000



808080

Same Dimension

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



000DE2



000FFF



6200E2



656670



000AB0



000330

Inverse Universe

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



E2000D



FF000F



80E200



706566



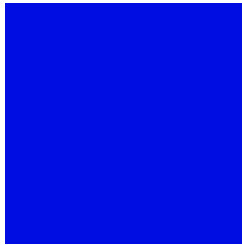
B0000A



300003

Previews

White Background



This preview shows how the Hex color 000DE2 looks on a white background.

Color Contrast Check

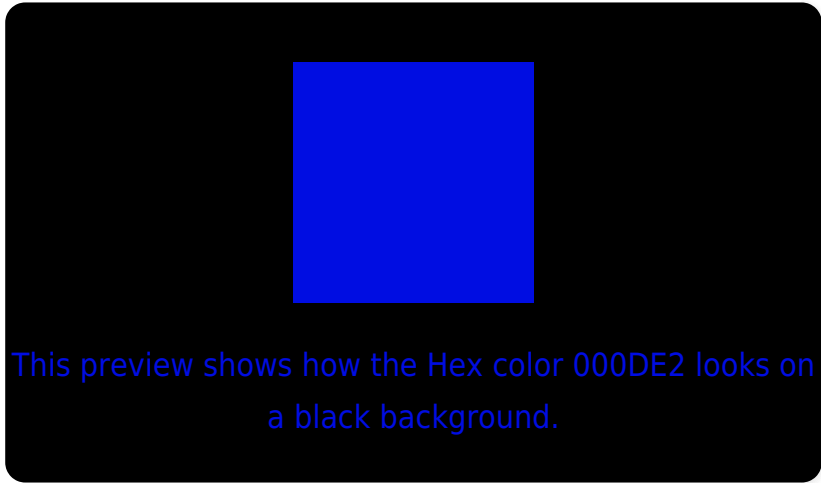
Large Text (above 18pt) WCAG AA ✓ Pass

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

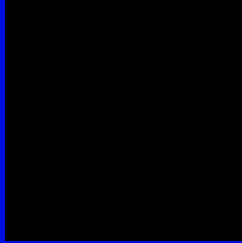
Any Text WCAG AA × Fail

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 000DE2 Background



This preview shows how black text looks on a background with the Hex color 000DE2.



This preview shows how white text looks on a background with the Hex color 000DE2.

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
000DE2

Protanopia
00438B

Deuteranopia
004776



Tritanopia
004D50

Trichromacy



Original Color
000DE2

Protanomaly
002FAB

Deuteranomaly
00329D

Tritanomaly
003685

Monochromacy



Original Color
000DE2

Achromatopsia
212121

Achromatomaly
151A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 000DE2 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 #000DE2 looks like.

```
.text, #text, p{  
    color:#000DE2  
}
```

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 #000DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000DE2
}
```

Border

The CSS property to change the border of an element to Hex 000DE2 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
#000DE2 }
```

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

```
.border{ border-color:#000DE2 }
```

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

Here you see how a box with a 4 pixel #000DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000DE2; -webkit-box-shadow:4px 4px  
4px 4px #000DE2; box-shadow:4px 4px 4px  
4px #000DE2 }
```

Background

The CSS property to change the background color of an element to Hex 000DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000DE2 }
```

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

```
.background{ background-color:#000DE2 }
```

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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