

Converting Colors

Hex(0000E9)

Have a look what the booklet for
Hex(0000E9) contains.

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Color

Hex(0000E9)

Conversions

Conversions Part 1

Format	Color
Hex	0000E9
RGB	0, 0, 233
RGB Percent	0%, 0%, 91%
CMY	1.0000, 1.0000, 0.0863
CMYK	1.00, 1.00, 0.00, 0.09
HSL	240°, 100%, 46%
HSV	240°, 100%, 91%
XYZ	14.7080, 5.8832, 77.4512
YIQ	26.5620, -74.7930, 72.4630

Conversions

Conversions Part 2

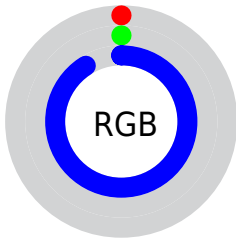
Format	Color
RYB	0, 0, 233
Decimal	233
CIELab	29.12, 73.97, -100.75
CIELCh	29, 124.987, 306.287
Yxy	5.8832, 0.1500, 0.0600
Android (android.graphics.Color)	4278190313 (0xFF0000E9)
YUV	26.5620, 101.7739, -23.2949
Hunter-Lab	24.2553, 65.7925, -172.3441

Details

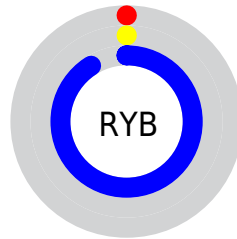
The Hex color **0000E9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E9E900**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7344FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **0000E9**, and if you desaturate by 10%, it is **1717E9**.

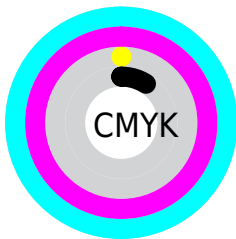
Distribution



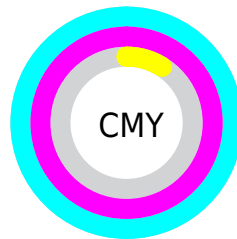
- Red (0%)
- Green (0%)
- Blue (91%)



- Red (0%)
- Yellow (0%)
- Blue (91%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0000E9 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 0000E9 by changing the saturation by 10% instead.

 0000E9

 0000E9

FFFFFF

 0000CC

 7344FF

 0000AF

 965FFF

 000094

 B77AFF

 000379

 D896FF

 000E5F

 F8B2FF

 000846

 FFCEFF


 00042E

 FFEBFF

 000119

 000000

 0000E9

 1717E9

 2F2FE9

 4646E9

 5D5DE9

 7575E9

 8C8CE9

 A3A3E9

 BABAE9

 D2D2E9

Harmonies

Analogous

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



0055FF



0000E9



BA0095

Triad

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



0000E9



8E0800



005F58

Complementary

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



0000E9



E9E900

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.



005C00



0000E9



424900

Square

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



0000E9



C30000



005800



0063BA

Rectangle

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



0000E9



D50056



005800



005E36

Sweetspot

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



0000E9



B3B3FF



00E9E9



525280



000000



808080

Same Dimension

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



0000E9



0000FF



7500E9



6A6A75



0000B5



000036

Inverse Universe

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



E900E9



FF00FF



75E900



756A75



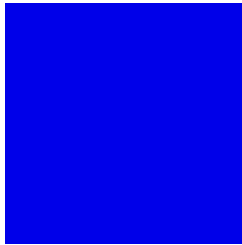
B500B5



360036

Previews

White Background



This preview shows how the Hex color 0000E9 looks on a white background.

Color Contrast Check

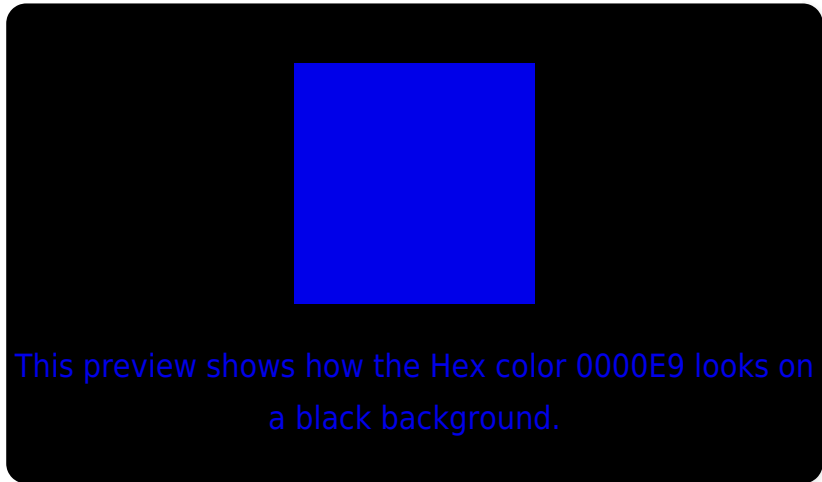
Large Text (above 18pt) WCAG AA ✓ Pass

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 0000E9 Background



This preview shows how black text looks on a background with the Hex color 0000E9.



This preview shows how white text looks on a background with the Hex color 0000E9.

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
0000E9

Protanomaly
002BB0

Deuteranomaly
002EA2

Monochromacy



Original Color
0000E9

Achromatopsia
1B1B1B

Achromatomaly
111166

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000E9 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 #0000E9 looks like.

```
.text, #text, p{  
    color:#0000E9  
}
```

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 #0000E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000E9
}
```

Border

The CSS property to change the border of an element to Hex 0000E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

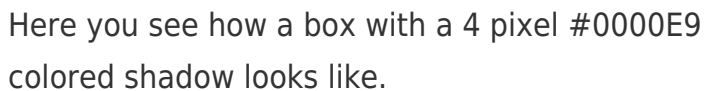
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0000E9 }
```

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

```
.border{ border-color:#0000E9 }
```

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



Here you see how a box with a 4 pixel #0000E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000E9; -webkit-box-shadow:4px 4px  
4px 4px #0000E9; box-shadow:4px 4px 4px  
4px #0000E9 }
```

Background

The CSS property to change the background color of an element to Hex 0000E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000E9 }
```

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

```
.background{ background-color:#0000E9 }
```

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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