

Converting Colors

Hex(002ECE)

Have a look what the booklet for
Hex(002ECE) contains.

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Color

Hex(002ECE)

Conversions

Conversions Part 1

Format	Color
Hex	002ECE
RGB	0, 46, 206
RGB Percent	0%, 18%, 81%
CMY	1.0000, 0.8196, 0.1922
CMYK	1.00, 0.78, 0.00, 0.19
HSL	227°, 100%, 40%
HSV	227°, 100%, 81%
XYZ	12.1176, 6.4102, 58.9911
YIQ	50.4860, -78.7760, 40.0080

Conversions

Conversions Part 2

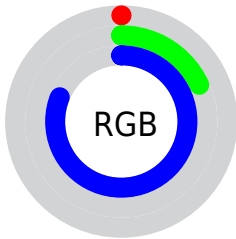
Format	Color
RYB	0, 38, 206
Decimal	11982
CIELab	30.42, 51.54, -83.00
CIELCh	30, 97.703, 301.840
Yxy	6.4102, 0.1563, 0.0827
Android (android.graphics.Color)	4278202062 (0xFF002ECE)
YUV	50.4860, 76.6684, -44.2762
Hunter-Lab	25.3184, 41.1241, -120.4210

Details

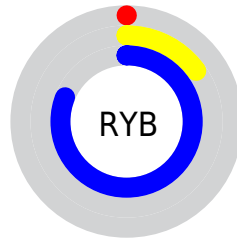
The Hex color **002ECE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CEA000**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **685EFF**, and **000396** is the 20% darker color. If you saturate the color by 10%, you get **002ECE**, and if you desaturate by 10%, it is **153ECE**.

Distribution



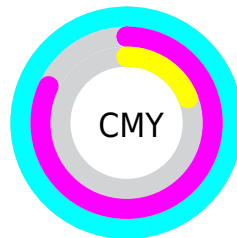
- Red (0%)
- Green (18%)
- Blue (81%)



- Red (0%)
- Yellow (15%)
- Blue (81%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (82%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002ECE 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 002ECE by changing the saturation by 10% instead.

 002ECE

 002ECE

FFFFFF

 0017B2

 685EFF

 000396

 8977FF

 00007B

 A991FF

 000761

 C8ACFF

 000848

 E7C8FF

 000431

 FFE4FF

 00011B

 000000

 002ECE

 153ECE

 294ECE

 3E5ECE

 526ECE

 677ECE

 7C8ECE

 909ECE

 A5AECE

 B9BECE

Harmonies

Analogous

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



0055E7



002ECE



9E0092

Triad

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



002ECE



8E1A00



005F4B

Complementary

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



002ECE



CEA000

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.



005D00



002ECE



554800

Square

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



002ECE



B50000



005700



006298

Rectangle

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



002ECE



BA0060



005700



005F30

Sweetspot

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



002ECE



B3C4FF



00CE9E



525C80



000000



808080

Same Dimension

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



002ECE



0039FF



3700CE



5C5E66



0025A6



000926

Inverse Universe

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



CE002E



FF0039



97CE00



665C5E



A60025



260009

Previews

White Background



This preview shows how the Hex color 002ECE looks on a white background.

Color Contrast Check

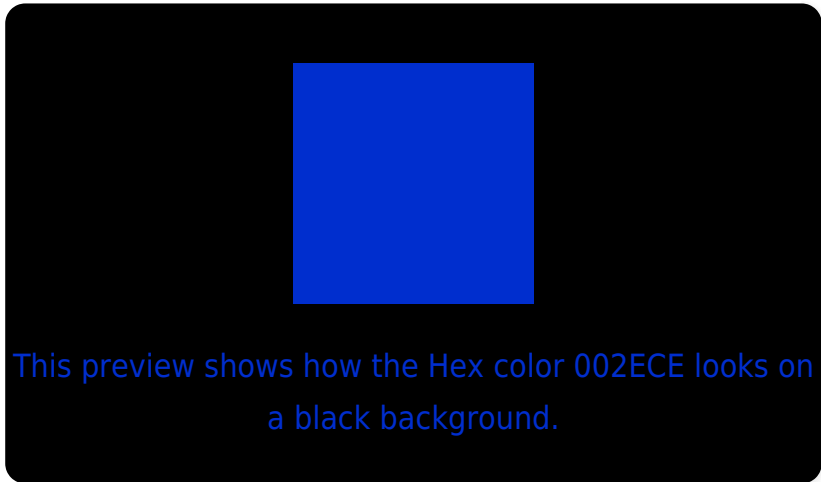
Large Text (above 18pt) WCAG AA ✓ Pass

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

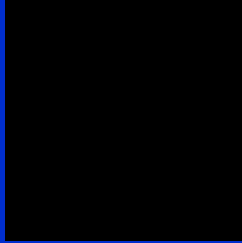
Any Text WCAG AA × Fail

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 002ECE Background



This preview shows how black text looks on a background with the Hex color 002ECE.



This preview shows how white text looks on a background with the Hex color 002ECE.

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
002ECE

Protanomaly
003DA8

Deuteranomaly
00409A

Tritanomaly
004480

Monochromacy



Original Color
002ECE

Achromatopsia
323232

Achromatomaly
20316B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002ECE 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 #002ECE looks like.

```
.text, #text, p{  
    color:#002ECE  
}
```

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 #002ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002ECE
}
```

Border

The CSS property to change the border of an element to Hex 002ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

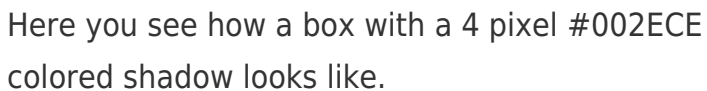
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002ECE }
```

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

```
.border{ border-color:#002ECE }
```

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



Here you see how a box with a 4 pixel #002ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002ECE; -webkit-box-shadow:4px 4px  
4px 4px #002ECE; box-shadow:4px 4px 4px  
4px #002ECE }
```

Background

The CSS property to change the background color of an element to Hex 002ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002ECE }
```

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

```
.background{ background-color:#002ECE }
```

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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