

Converting Colors

Hex(001EBC)

Have a look what the booklet for
Hex(001EBC) contains.

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Color

Hex(001EBC)

Conversions

Conversions Part 1

Format	Color
Hex	001EBC
RGB	0, 30, 188
RGB Percent	0%, 12%, 74%
CMY	1.0000, 0.8824, 0.2627
CMYK	1.00, 0.84, 0.00, 0.26
HSL	230°, 100%, 37%
HSV	230°, 100%, 74%
XYZ	9.5414, 4.5594, 47.9541
YIQ	39.0420, -68.5980, 42.7780

Conversions

Conversions Part 2

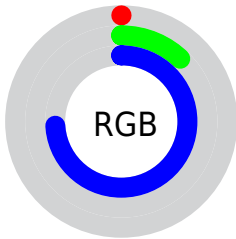
Format	Color
RYB	0, 26, 188
Decimal	7868
CIELab	25.44, 53.75, -80.72
CIELCh	25, 96.978, 303.662
Yxy	4.5594, 0.1538, 0.0735
Android (android.graphics.Color)	4278197948 (0xFF001EBC)
YUV	39.0420, 73.4363, -34.2398
Hunter-Lab	21.3527, 42.3947, -118.2071

Details

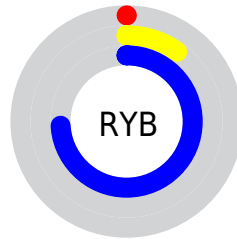
The Hex color **001EBC** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BC9E00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **644FF6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **001EBC**, and if you desaturate by 10%, it is **132EBC**.

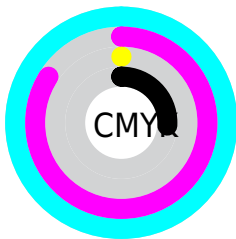
Distribution



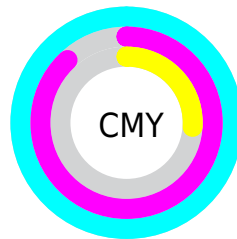
- Red (0%)
- Green (12%)
- Blue (74%)



- Red (0%)
- Yellow (10%)
- Blue (74%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (88%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001EBC 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 001EBC by changing the saturation by 10% instead.

 001EBC

 001EBC

FFFFFF

 0004A0

 644FF6

 000085

 8468FF

 00006B

 A382FF

 000B51

 C29CFF

 000539

 E1B8FF

 000223

 FFD4FF

 000009

 FFF0FF

 000000

 001EBC

■ 132EBC

■ 263EBC

■ 384DBC

■ 4B5DBC

■ 5E6DBC

■ 717DBC

■ 848DBC

■ 969CBC

■ A9ACBC

Harmonies

Analogous

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



0049D7



001EBC



920080

Triad

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



001EBC



7B1000



005244

Complementary

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



001EBC



BC9E00

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.



005000



001EBC



433E00

Square

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



001EBC



A20000



004B00



00558F

Rectangle

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



001EBC



AB0050



004B00



00522A

Sweetspot

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



001EBC



ABB7F5



00BC9D



4E557A



FAFAFA



7A7A7A

Same Dimension

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



001EBC



0027F5



3F00BC



55565E



00199E



00051F

Inverse Universe

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



BC001E



F50027



7DBC00



5E5556



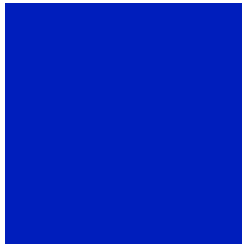
9E0019



1F0005

Previews

White Background



This preview shows how the Hex color 001EBC looks on a white background.

Color Contrast Check

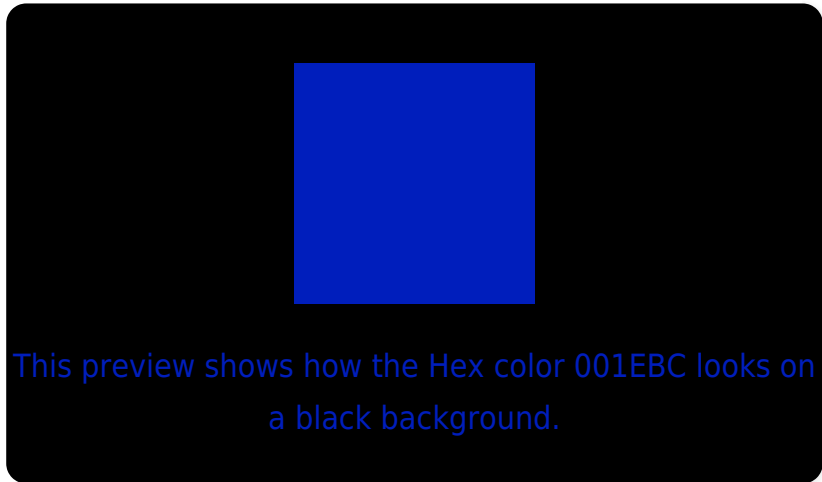
Large Text (above 18pt) WCAG AA ✓ Pass

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

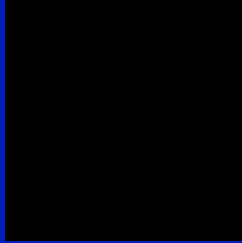
Any Text WCAG AA × Fail

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 001EBC Background



This preview shows how black text looks on a background with the Hex color 001EBC.



This preview shows how white text looks on a background with the Hex color 001EBC.

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
001EBC

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
001EBC

Protanomaly
003093

Deuteranomaly
003387

Tritanomaly
003672

Monochromacy



Original Color
001EBC

Achromatopsia
272727

Achromatomaly
19245D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001EBC 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 #001EBC looks like.

```
.text, #text, p{  
    color:#001EBC  
}
```

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 #001EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001EBC
}
```

Border

The CSS property to change the border of an element to Hex 001EBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

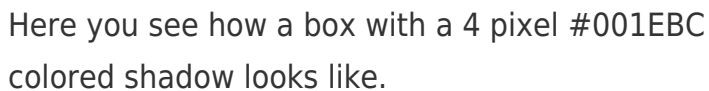
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001EBC }
```

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

```
.border{ border-color:#001EBC }
```

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



Here you see how a box with a 4 pixel #001EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001EBC; -webkit-box-shadow:4px 4px  
4px 4px #001EBC; box-shadow:4px 4px 4px  
4px #001EBC }
```

Background

The CSS property to change the background color of an element to Hex 001EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001EBC }
```

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

```
.background{ background-color:#001EBC }
```

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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