

Converting Colors

Hex(00B5EF)

Have a look what the booklet for
Hex(00B5EF) contains.

Hex(00B5EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B5EF)

Conversions

Conversions Part 1

Format	Color
Hex	00B5EF
RGB	0, 181, 239
RGB Percent	0%, 71%, 94%
CMY	1.0000, 0.2902, 0.0627
CMYK	1.00, 0.24, 0.00, 0.06
HSL	195°, 100%, 47%
HSV	195°, 100%, 94%
XYZ	32.1039, 39.2797, 87.5511
YIQ	133.4930, -126.4940, -20.3340

Conversions

Conversions Part 2

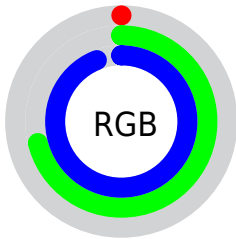
Format	Color
RYB	0, 103, 239
Decimal	46575
CIELab	68.95, -17.97, -39.51
CIELCh	69, 43.401, 245.545
Yxy	39.2797, 0.2020, 0.2471
Android (android.graphics.Color)	4278236655 (0xFF00B5EF)
YUV	133.4930, 52.0150, -117.0734
Hunter-Lab	62.6736, -18.2440, -38.9530

Details

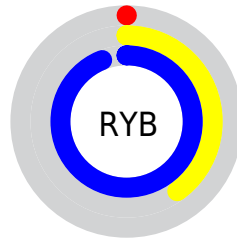
The Hex color **00B5EF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **EF3A00**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6EEDFF**, and **0080B7** is the 20% darker color. If you saturate the color by 10%, you get **00B5EF**, and if you desaturate by 10%, it is **18BBEF**.

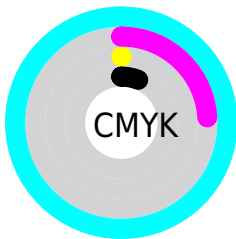
Distribution



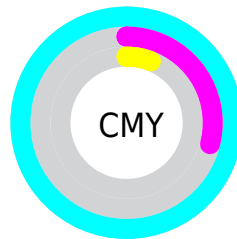
- Red (0%)
- Green (71%)
- Blue (94%)



- Red (0%)
- Yellow (40%)
- Blue (94%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5EF 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 00B5EF by changing the saturation by 10% instead.

 00B5EF

 00B5EF

FFFFFF

 009AD3

 6EEDFF

 0080B7

 8FFFFFFF

 00679C

 AFFFFFFF

 004F81

 CFFFFFFF

 003868

 EFFFFFFF

 00234F

 000538

 000222

 000008

 00B5EF

 18BBEF

 30C1EF

 48C6EF

 60CCEF

 77D2EF

 8FD8EF

 A7DEEF

 BFE3EF

 D7E9EF

Harmonies

Analogous

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



00BBD5



00B5EF



77AAF6

Triad

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



00B5EF



F288A2



90B366

Complementary

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



00B5EF



EF3A00

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.



BAA858



00B5EF



F08E7D

Square

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



00B5EF



DF8ECA



DB9B61



5EBA86

Rectangle

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



00B5EF



A3A0EF



DB9B61



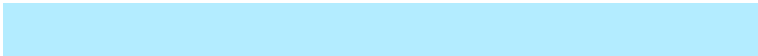
9FB05F

Sweetspot

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



00B5EF



B3ECFF



00EF38



527480



000000



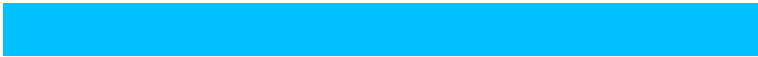
808080

Same Dimension

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



00B5EF



00C1FF



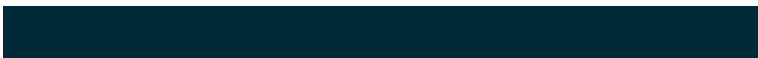
0040EF



6C7578



008BB8



002A38

Inverse Universe

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



EF00B5



FF00C1



EFAF00



786C75



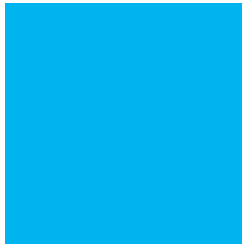
B8008B



38002A

Previews

White Background



This preview shows how the Hex color 00B5EF looks on a white background.

Color Contrast Check

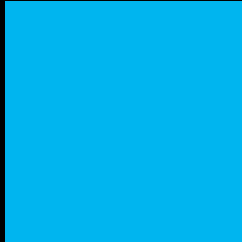
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00B5EF looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00B5EF Background



This preview shows how black text looks on a background with the Hex color 00B5EF.

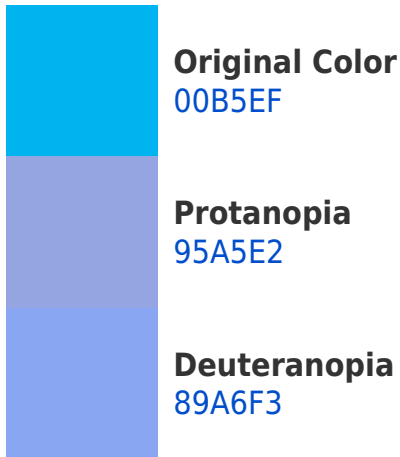


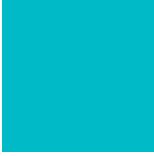
This preview shows how white text looks on a background with the Hex color 00B5EF.

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





Tritanopia
00BAC8

Trichromacy



Original Color
00B5EF



Protanomaly
5FABE7



Deuteranomaly
57ABF2



Tritanomaly
00B8D6

Monochromacy



Original Color
00B5EF



Achromatopsia
858585



Achromatomaly
5596AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5EF 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 #00B5EF looks like.

```
.text, #text, p{  
    color:#00B5EF  
}
```

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 #00B5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5EF
}
```

Border

The CSS property to change the border of an element to Hex 00B5EF 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
#00B5EF }
```

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

```
.border{ border-color:#00B5EF }
```

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

Here you see how a box with a 4 pixel #00B5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5EF; -webkit-box-shadow:4px 4px  
4px 4px #00B5EF; box-shadow:4px 4px 4px  
4px #00B5EF }
```

Background

The CSS property to change the background color of an element to Hex 00B5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5EF }
```

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

```
.background{ background-color:#00B5EF }
```

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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