

Converting Colors

Hex(00B8F1)

Have a look what the booklet for
Hex(00B8F1) contains.

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Color

Hex(00B8F1)

Conversions

Conversions Part 1

Format	Color
Hex	00B8F1
RGB	0, 184, 241
RGB Percent	0%, 72%, 95%
CMY	1.0000, 0.2784, 0.0549
CMYK	1.00, 0.24, 0.00, 0.05
HSL	194°, 100%, 47%
HSV	194°, 100%, 95%
XYZ	33.0177, 40.6319, 89.3216
YIQ	135.4820, -127.9610, -21.2810

Conversions

Conversions Part 2

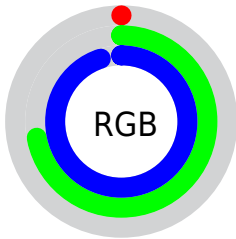
Format	Color
RYB	0, 104, 241
Decimal	47345
CIELab	69.92, -18.85, -39.09
CIELCh	70, 43.398, 244.258
Yxy	40.6319, 0.2026, 0.2493
Android (android.graphics.Color)	4278237425 (0xFF00B8F1)
YUV	135.4820, 52.0204, -118.8177
Hunter-Lab	63.7431, -19.0910, -38.4614

Details

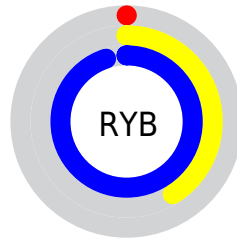
The Hex color **00B8F1** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F13900**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EF0FF**, and **0083B9** is the 20% darker color. If you saturate the color by 10%, you get **00B8F1**, and if you desaturate by 10%, it is **18BEF1**.

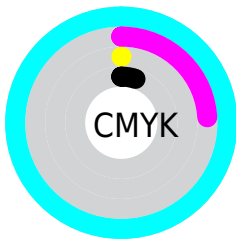
Distribution



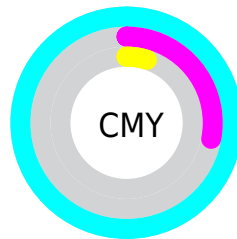
- Red (0%)
- Green (72%)
- Blue (95%)



- Red (0%)
- Yellow (41%)
- Blue (95%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B8F1 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 00B8F1 by changing the saturation by 10% instead.

 00B8F1

FFFFFF

 6EF0FF

 90FFFF

 B0FFFF

 D0FFFF

 F0FFFF

 00B8F1

 009DD4

 0083B9

 006A9E

 005283

 003A6A

 002551

 00053A

 000224

 00000B

 00B8F1

 18BEF1

 30C3F1

 48C9F1

 60CFF1

 78D4F1

 91DAF1

 A9E0F1

 C1E6F1

 D9EBF1

Harmonies

Analogous

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



00BED6



00B8F1



77ADF9

Triad

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



00B8F1



F58BA7



95B668

Complementary

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



00B8F1



F13900

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.



BEAA5B



00B8F1



F39081

Square

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



00B8F1



E191CE



DF9D64



63BD87

Rectangle

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



00B8F1



A3A3F3



DF9D64



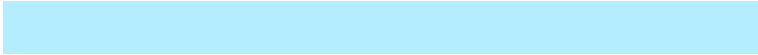
A3B261

Sweetspot

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



00B8F1



B3EDFF



00F138



527580



000000



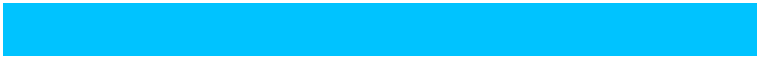
808080

Same Dimension

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



00B8F1



00C3FF



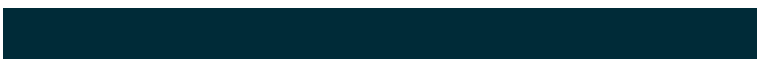
0040F1



6C7578



008CB8



002B38

Inverse Universe

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



F100B8



FF00C3



F1B100



786C75



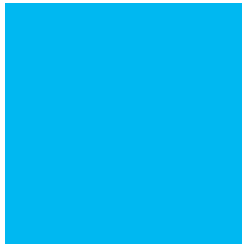
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 00B8F1 looks on a white background.

Color Contrast Check

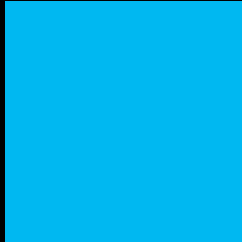
Large Text (above 18pt) WCAG AA × Fail

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 00B8F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

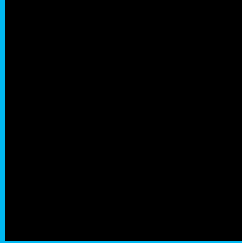
Any Text WCAG AA ✓ Pass

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 00B8F1 Background



This preview shows how black text looks on a background with the Hex color 00B8F1.

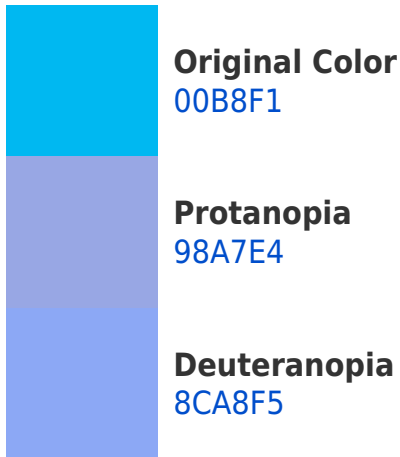


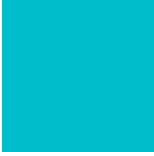
This preview shows how white text looks on a background with the Hex color 00B8F1.

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
00B8F1



Protanomaly
61ADE9



Deuteranomaly
59AEF4



Tritanomaly
00BBD9

Monochromacy



Original Color
00B8F1



Achromatopsia
878787



Achromatomaly
5699AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B8F1 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 #00B8F1 looks like.

```
.text, #text, p{  
    color:#00B8F1  
}
```

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 #00B8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8F1
}
```

Border

The CSS property to change the border of an element to Hex 00B8F1 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
#00B8F1 }
```

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

```
.border{ border-color:#00B8F1 }
```

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

Here you see how a box with a 4 pixel #00B8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8F1; -webkit-box-shadow:4px 4px  
4px 4px #00B8F1; box-shadow:4px 4px 4px  
4px #00B8F1 }
```

Background

The CSS property to change the background color of an element to Hex 00B8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8F1 }
```

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

```
.background{ background-color:#00B8F1 }
```

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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