

Converting Colors

Hex(00B4F0)

Have a look what the booklet for
Hex(00B4F0) contains.

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Color

Hex(00B4F0)

Conversions

Conversions Part 1

Format	Color
Hex	00B4F0
RGB	0, 180, 240
RGB Percent	0%, 71%, 94%
CMY	1.0000, 0.2941, 0.0588
CMYK	1.00, 0.25, 0.00, 0.06
HSL	195°, 100%, 47%
HSV	195°, 100%, 94%
XYZ	32.0494, 38.9338, 88.2639
YIQ	133.0200, -126.5400, -19.5000

Conversions

Conversions Part 2

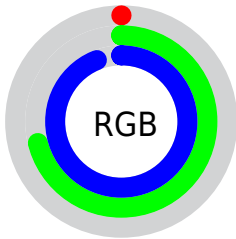
Format	Color
RYB	0, 103, 240
Decimal	46320
CIELab	68.70, -17.09, -40.44
CIELCh	69, 43.903, 247.097
Yxy	38.9338, 0.2013, 0.2445
Android (android.graphics.Color)	4278236400 (0xFF00B4F0)
YUV	133.0200, 52.7411, -116.6585
Hunter-Lab	62.3969, -17.5103, -40.1911

Details

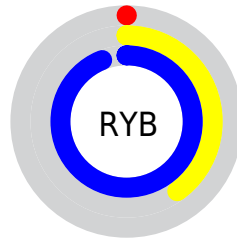
The Hex color **00B4F0** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F03C00**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6EECFE**, and **007FB8** is the 20% darker color. If you saturate the color by 10%, you get **00B4F0**, and if you desaturate by 10%, it is **18BAF0**.

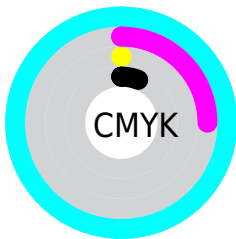
Distribution



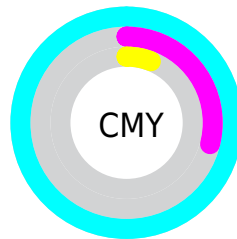
- Red (0%)
- Green (71%)
- Blue (94%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B4F0 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 00B4F0 by changing the saturation by 10% instead.

 00B4F0

 00B4F0

FFFFFF

 0099D4

 6EECFE

 007FB8

 8FFFFFF

 00669D

 B0FFFF

 004E82

 CFFFFFF

 003769

 EFFFFFF

 002350

 000539

 000223

 000009

 00B4F0

 18BAF0

 30C0F0

 48C6F0

 60CCF0

 78D2F0

 90D8F0

 A8DEF0

 C0E4F0

 D8EAF0

Harmonies

Analogous

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



00BBD6



00B4F0



79A8F6

Triad

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



00B4F0



F387A0



8DB366

Complementary

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



00B4F0



F03C00

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.



B7A857



00B4F0



EF8D7A

Square

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



00B4F0



E18CC7



D99B5F



59BA87

Rectangle

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



00B4F0



A59FEE



D99B5F



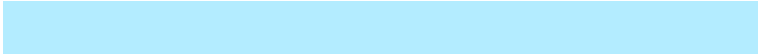
9CB05F

Sweetspot

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



00B4F0



B3ECFF



00F03C



527480



000000



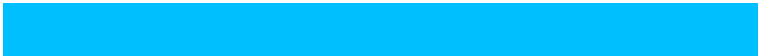
808080

Same Dimension

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



00B4F0



00BFFF



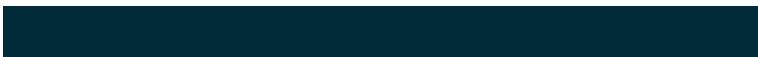
003CF0



6C7578



008AB8



002A38

Inverse Universe

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



F000B4



FF00BF



F0B400



786C75



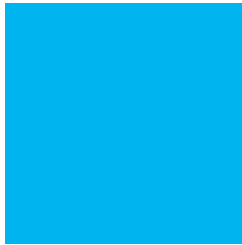
B8008A



38002A

Previews

White Background



This preview shows how the Hex color 00B4F0 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 00B4F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

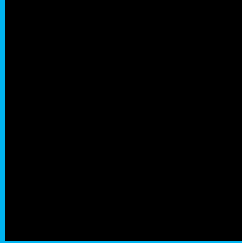
Any Text WCAG AA ✓ Pass

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 00B4F0 Background



This preview shows how black text looks on a background with the Hex color 00B4F0.

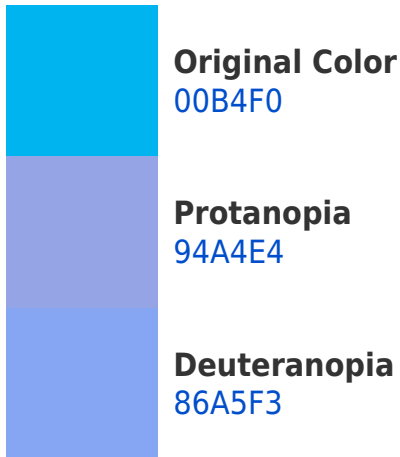


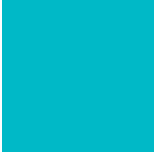
This preview shows how white text looks on a background with the Hex color 00B4F0.

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](#).

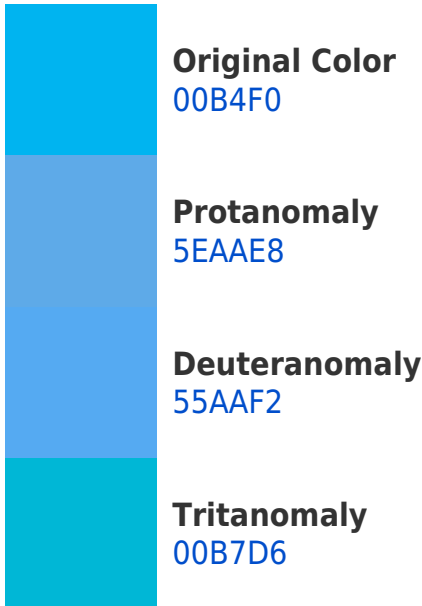
Dichromacy





Tritanopia
00B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B4F0 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 #00B4F0 looks like.

```
.text, #text, p{  
    color:#00B4F0  
}
```

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 #00B4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4F0
}
```

Border

The CSS property to change the border of an element to Hex 00B4F0 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
#00B4F0 }
```

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

```
.border{ border-color:#00B4F0 }
```

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

Here you see how a box with a 4 pixel #00B4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4F0; -webkit-box-shadow:4px 4px  
4px 4px #00B4F0; box-shadow:4px 4px 4px  
4px #00B4F0 }
```

Background

The CSS property to change the background color of an element to Hex 00B4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4F0 }
```

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

```
.background{ background-color:#00B4F0 }
```

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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