

Converting Colors

Hex(00BAF8)

Have a look what the booklet for
Hex(00BAF8) contains.

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Color

Hex(00BAF8)

Conversions

Conversions Part 1

Format	Color
Hex	00BAF8
RGB	0, 186, 248
RGB Percent	0%, 73%, 97%
CMY	1.0000, 0.2706, 0.0275
CMYK	1.00, 0.25, 0.00, 0.03
HSL	195°, 100%, 49%
HSV	195°, 100%, 97%
XYZ	34.5022, 41.8951, 95.0750
YIQ	137.4540, -130.7580, -20.1500

Conversions

Conversions Part 2

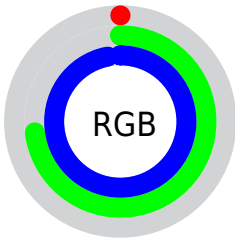
Format	Color
RYB	0, 106, 248
Decimal	47864
CIELab	70.80, -17.46, -41.51
CIELCh	71, 45.030, 247.190
Yxy	41.8951, 0.2012, 0.2443
Android (android.graphics.Color)	4278237944 (0xFF00BAF8)
YUV	137.4540, 54.4992, -120.5472
Hunter-Lab	64.7264, -18.1225, -41.7811

Details

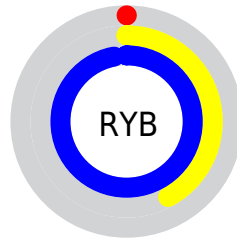
The Hex color **00BAF8** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F83E00**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **70F2FF**, and **0085BF** is the 20% darker color. If you saturate the color by 10%, you get **00BAF8**, and if you desaturate by 10%, it is **19C0F8**.

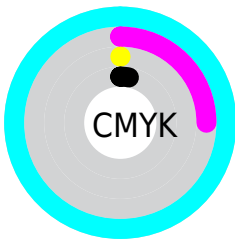
Distribution



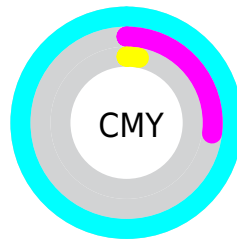
- Red (0%)
- Green (73%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BAF8 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 00BAF8 by changing the saturation by 10% instead.

 00BAF8

 00BAF8

FFFFFF

 009FDB

 70F2FF

 0085BF

 92FFFF

 006CA4

 B2FFFF

 005389

 D2FFFF

 003C70

 F2FFFF

 002757

 000C3F

 000329

 000112

 00BAF8

 19C0F8

 32C6F8

 4ACDF8

 63D3F8

 7CD9F8

 95DFF8

 AEE5F8

 C6ECF8

 DFF2F8

Harmonies

Analogous

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



00C1DE



00BAF8



7EAEFE

Triad

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



00BAF8



FB8CA5



91B96A

Complementary

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



00BAF8



F8E000

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.



BDAE5A



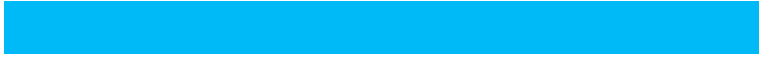
00BAF8



F7927E

Square

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



00BAF8



E891CE



E1A062



5CC08C

Rectangle

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



00BAF8



ABA4F6



E1A062



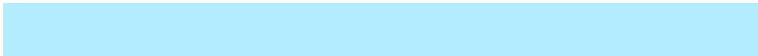
A1B662

Sweetspot

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



00BAF8



B3ECFF



00F83E



527480



000000



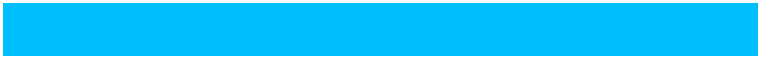
808080

Same Dimension

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



00BAF8



00BFFF



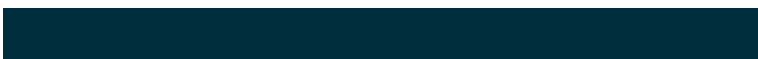
003EF8



707A7D



008EBD



002E3D

Inverse Universe

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



F800BA



FF00BF



F8BA00



7D707A



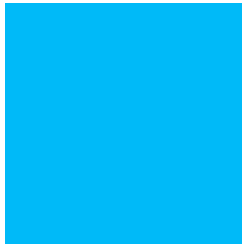
BD008E



3D002E

Previews

White Background



This preview shows how the Hex color 00BAF8 looks on a white background.

Color Contrast Check

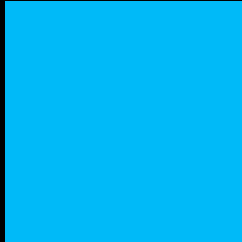
Large Text (above 18pt) WCAG AA × Fail

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 00BAF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

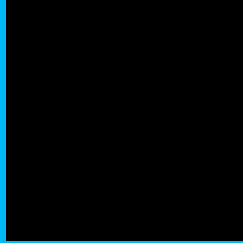
Any Text WCAG AA ✓ Pass

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 00BAF8 Background



This preview shows how black text looks on a background with the Hex color 00BAF8.



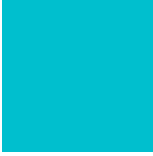
This preview shows how white text looks on a background with the Hex color 00BAF8.

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
00BFCE

Trichromacy



Original Color
00BAF8



Protanomaly
61B0F0



Deuteranomaly
58B0FB



Tritanomaly
00BDDD

Monochromacy



Original Color
00BAF8



Achromatopsia
898989



Achromatomaly
579BB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BAF8 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 #00BAF8 looks like.

```
.text, #text, p{  
    color:#00BAF8  
}
```

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 #00BAF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BAF8  
}
```

Border

The CSS property to change the border of an element to Hex 00BAF8 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  
#00BAF8 }
```

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

```
.border{ border-color:#00BAF8 }
```

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

Here you see how a box with a 4 pixel #00BAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BAF8; -webkit-box-shadow:4px 4px  
4px 4px #00BAF8; box-shadow:4px 4px 4px  
4px #00BAF8 }
```

Background

The CSS property to change the background color of an element to Hex 00BAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BAF8 }
```

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

```
.background{ background-color:#00BAF8 }
```

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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