

Converting Colors

Hex(00B5F5)

Have a look what the booklet for
Hex(00B5F5) contains.

Hex(00B5F5)	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(00B5F5)

Conversions

Conversions Part 1

Format	Color
Hex	00B5F5
RGB	0, 181, 245
RGB Percent	0%, 71%, 96%
CMY	1.0000, 0.2902, 0.0392
CMYK	1.00, 0.26, 0.00, 0.04
HSL	196°, 100%, 48%
HSV	196°, 100%, 96%
XYZ	33.0053, 39.6403, 92.2980
YIQ	134.1770, -128.4200, -18.4680

Conversions

Conversions Part 2

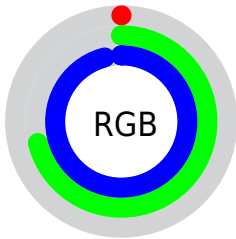
Format	Color
RYB	0, 104, 245
Decimal	46581
CIELab	69.21, -15.86, -42.36
CIELCh	69, 45.233, 249.481
Yxy	39.6403, 0.2001, 0.2403
Android (android.graphics.Color)	4278236661 (0xFF00B5F5)
YUV	134.1770, 54.6357, -117.6732
Hunter-Lab	62.9606, -16.6074, -42.8447

Details

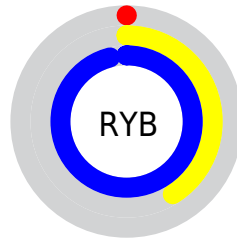
The Hex color **00B5F5** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F54000**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FEDFF**, and **0080BC** is the 20% darker color. If you saturate the color by 10%, you get **00B5F5**, and if you desaturate by 10%, it is **18BBF5**.

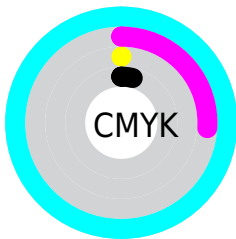
Distribution



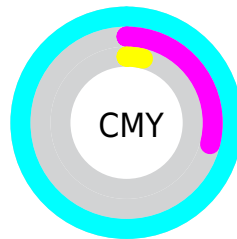
- Red (0%)
- Green (71%)
- Blue (96%)



- Red (0%)
- Yellow (41%)
- Blue (96%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5F5 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 00B5F5 by changing the saturation by 10% instead.

 00B5F5

 00B5F5

FFFFFF

 009AD8

 6FEDFF

 0080BC

 91FFFF

 0067A1

 B1FFFF

 004F87

 D1FFFF

 00386D

 F1FFFF

 002354

 00063D

 000326

 00010F

 00B5F5

 18BBF5

 31C2F5

 4AC8F5

 62CFF5

 7BD5F5

 93DBF5

 ABE2F5

 C4E8F5

 DDEFF5

Harmonies

Analogous

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



00BCDC



00B5F5



7FA9FA

Triad

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



00B5F5



F7879D



89B668

Complementary

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



00B5F5



F54000

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.



B6AB56



00B5F5



F18F77

Square

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



00B5F5



E68CC7



DA9D5C



51BC8B

Rectangle

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



00B5F5



AB9FF0



DA9D5C



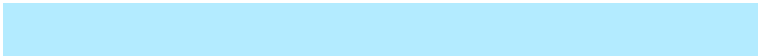
99B25F

Sweetspot

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



00B5F5



B3EBFF



00F53D



527480



000000



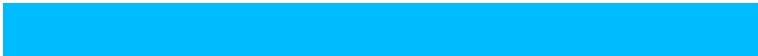
808080

Same Dimension

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



00B5F5



00BCFF



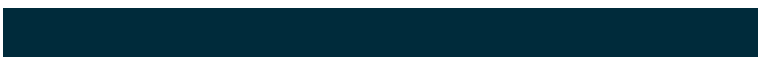
003DF5



6E777A



008ABA



002B3B

Inverse Universe

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



F500B5



FF00BC



F5B800



7A6E77



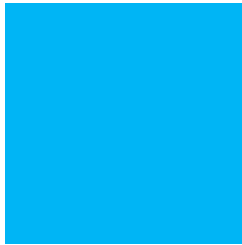
BA008A



3B002B

Previews

White Background



This preview shows how the Hex color 00B5F5 looks on a white background.

Color Contrast Check

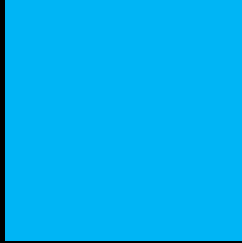
Large Text (above 18pt) WCAG AA × Fail

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 00B5F5 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

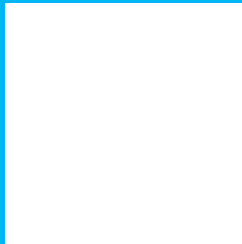
Any Text WCAG AAA ✓ Pass

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

Hex 00B5F5 Background



This preview shows how black text looks on a background with the Hex color 00B5F5.

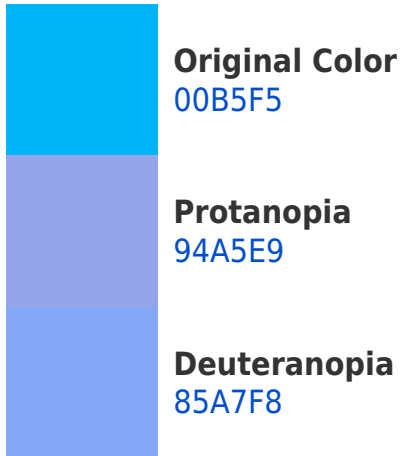


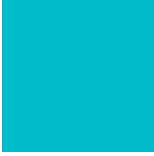
This preview shows how white text looks on a background with the Hex color 00B5F5.

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
00BBC9

Trichromacy



Original Color
00B5F5



Protanomaly
5EABED



Deuteranomaly
55ACF7



Tritanomaly
00B9D9

Monochromacy



Original Color
00B5F5



Achromatopsia
868686



Achromatomaly
5597AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5F5 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 #00B5F5 looks like.

```
.text, #text, p{  
    color:#00B5F5  
}
```

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 #00B5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5F5
}
```

Border

The CSS property to change the border of an element to Hex 00B5F5 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
#00B5F5 }
```

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

```
.border{ border-color:#00B5F5 }
```

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

Here you see how a box with a 4 pixel #00B5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5F5; -webkit-box-shadow:4px 4px  
4px 4px #00B5F5; box-shadow:4px 4px 4px  
4px #00B5F5 }
```

Background

The CSS property to change the background color of an element to Hex 00B5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5F5 }
```

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

```
.background{ background-color:#00B5F5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor