

# Converting Colors

Hex(00B8F5)

Have a look what the booklet for  
Hex(00B8F5) contains.

<b>Hex(00B8F5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(00B8F5)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00B8F5
RGB	0, 184, 245
RGB Percent	0%, 72%, 96%
CMY	1.0000, 0.2784, 0.0392
CMYK	1.00, 0.25, 0.00, 0.04
HSL	195°, 100%, 48%
HSV	195°, 100%, 96%
XYZ	33.6219, 40.8736, 92.5035
YIQ	135.9380, -129.2450, -20.0370

# Conversions

## Conversions Part 2

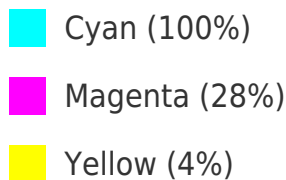
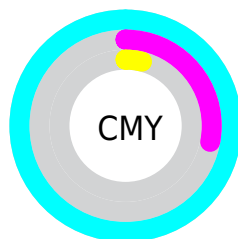
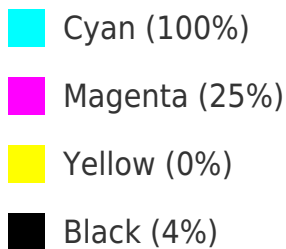
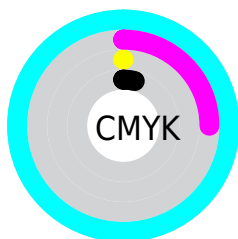
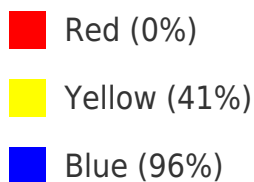
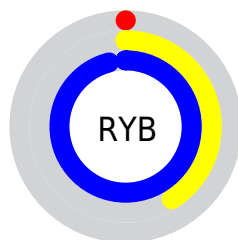
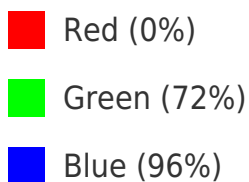
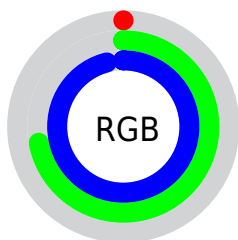
Format	Color
<a href="#">RYB</a>	<a href="#">0, 105, 245</a>
Decimal	<a href="#">47349</a>
CIELab	<a href="#">70.09, -17.45, -41.00</a>
CIELCh	<a href="#">70, 44.555, 246.942</a>
Yxy	<a href="#">40.8736, 0.2013, 0.2448</a>
Android (android.graphics.Color)	<a href="#">4278237429</a> (0xFF00B8F5)
YUV	<a href="#">135.9380, 53.7676, -119.2176</a>
Hunter-Lab	<a href="#">63.9324, -18.0090, -41.0337</a>

# Details

The Hex color **00B8F5** 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 **F53D00**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6FF0FF**, and **0083BC** is the 20% darker color. If you saturate the color by 10%, you get **00B8F5**, and if you desaturate by 10%, it is **18BEF5**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 00B8F5 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 00B8F5 by changing the saturation by 10% instead.



 00B8F5

FFFFFF

 6FF0FF

 91FFFF

 B1FFFF

 D1FFFF


 F1FFFF

 00B8F5

 009DD8

 0083BC

 006AA1

 005287

 003B6D

 002554

 00073D

 000326

 00010F

 00B8F5

 18BEF5

 31C4F5

 4ACAF5

 62D0F5

 7BD7F5

 93DDF5

 ABE3F5

 C4E9F5

 DDEFF5

# Harmonies

## Analogous

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



00BFDB



00B8F5



7CACFB

# Triad

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



00B8F5



F88AA3



90B769

# Complementary

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



00B8F5



F53D00

# 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.



BBAC59



00B8F5



F4917D

# Square

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



00B8F5



E590CC



DE9E61



5BBE8A

# Rectangle

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



00B8F5



A9A2F3



DE9E61



9FB461

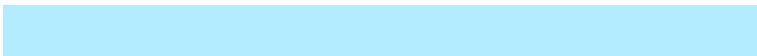


# Sweetspot

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



00B8F5



B3ECFF



00F539



527480



000000



808080

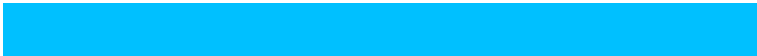


# Same Dimension

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



00B8F5



00C0FF



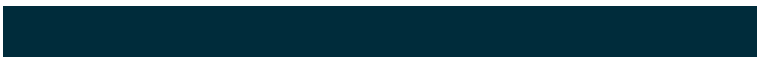
0041F5



6E777A



008CBA



002C3B



# Inverse Universe

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



F500B8



FF00C0



F5B400



7A6E77



BA008C

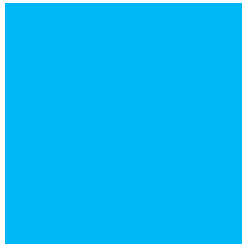


3B002C



# Previews

## White Background



This preview shows how the Hex color 00B8F5 looks on a white background.

## Color Contrast Check

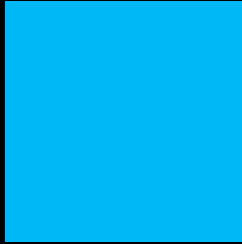
Large Text (above 18pt) WCAG AA × Fail

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 00B8F5 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

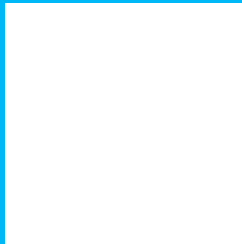
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B8F5 Background



This preview shows how black text looks on a background with the Hex color 00B8F5.



This preview shows how white text looks on a background with the Hex color 00B8F5.

# 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](#).

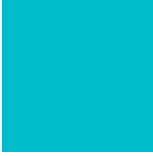
## Dichromacy



**Original Color**  
00B8F5

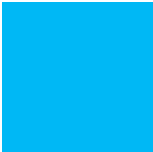

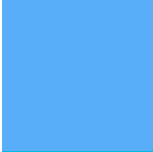

**Protanopia**  
97A8E8

**Deuteranopia**  
8AA9F9

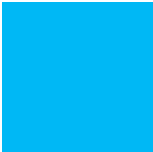
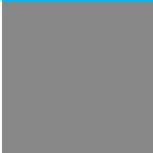



**Tritanopia**  
00BDCC

# Trichromacy

	<b>Original Color</b> 00B8F5
	<b>Protanomaly</b> 60AEED
	<b>Deuteranomaly</b> 58AEF8
	<b>Tritanomaly</b> 00BBDB

# Monochromacy

	<b>Original Color</b> 00B8F5
	<b>Achromatopsia</b> 888888
	<b>Achromatomaly</b> 5799B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B8F5 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 #00B8F5 looks like.

```
.text, #text, p{  
    color:#00B8F5  
}
```

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 #00B8F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8F5
}
```

## Border

The CSS property to change the border of an element to Hex 00B8F5 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
#00B8F5 }
```

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

```
.border{ border-color:#00B8F5 }
```

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

Here you see how a box with a 4 pixel #00B8F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8F5; -webkit-box-shadow:4px 4px  
4px 4px #00B8F5; box-shadow:4px 4px 4px  
4px #00B8F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00B8F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8F5 }
```

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

```
.background{ background-color:#00B8F5 }
```

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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