

Converting Colors

Hex(00BEFF)

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

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Color

Hex(00BEFF)

Conversions

Conversions Part 1

Format	Color
Hex	00BEFF
RGB	0, 190, 255
RGB Percent	0%, 75%, 100%
CMY	1.0000, 0.2549, 0.0000
CMYK	1.00, 0.25, 0.00, 0.00
HSL	195°, 100%, 50%
HSV	195°, 100%, 100%
XYZ	36.4635, 44.0469, 101.1878
YIQ	140.6000, -134.1050, -20.0650

Conversions

Conversions Part 2

Format	Color
RYB	0, 109, 255
Decimal	48895
CIELab	72.26, -17.12, -43.00
CIElCh	72, 46.284, 248.290
Yxy	44.0469, 0.2007, 0.2424
Android (android.graphics.Color)	4278238975 (0xFF00BEFF)
YUV	140.6000, 56.3992, -123.3062
Hunter-Lab	66.3678, -18.0732, -43.9391

Details

The Hex color **00BEFF** 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 **FF4100**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71F6FF**, and **0089C6** is the 20% darker color. If you saturate the color by 10%, you get **00BEFF**, and if you desaturate by 10%, it is **19C5FF**.

Distribution



- Red (0%)
- Green (75%)
- Blue (100%)



- Red (0%)
- Yellow (43%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 00BEFF

FFFFFF

 71F6FF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00BEFF

 00A3E2

 0089C6

 006FAA

 005790

 004076

 002A5D

 001445

 00032E

 000118

 00BEFF

 19C5FF

 33CBFF

 4DD2FF

 66D8FF

 80DFFF

 99E5FF

 B3ECFF

 CCF2FF

 E6F9FF

Harmonies

Analogous

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



00C5E4



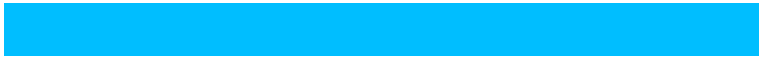
00BEFF



83B2FF

Triad

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



00BEFF



FF8FA7



93BE6D

Complementary

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



00BFFF



FF4100

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.



C0B35B



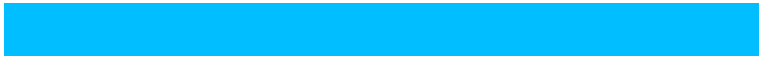
00BEFF



FD967F

Square

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



00BEFF



EF94D1



E5A463



5AC590

Rectangle

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



00BEFF



B1A7FC



E5A463



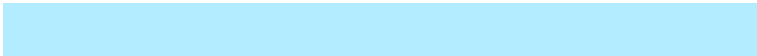
A3BB64

Sweetspot

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



00BEFF



B3ECFF



00FF40



527480



000000



808080

Same Dimension

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



00BEFF



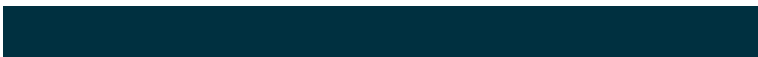
0040FF



737C80



008FBF



003040

Inverse Universe

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



FF00BE



FFBF00



80737C



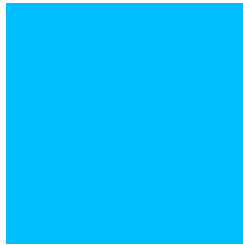
BF008F



400030

Previews

White Background



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

Color Contrast Check

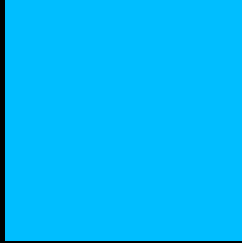
Large Text (above 18pt) WCAG AA × Fail

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 00BEFF 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 00BEFF Background



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

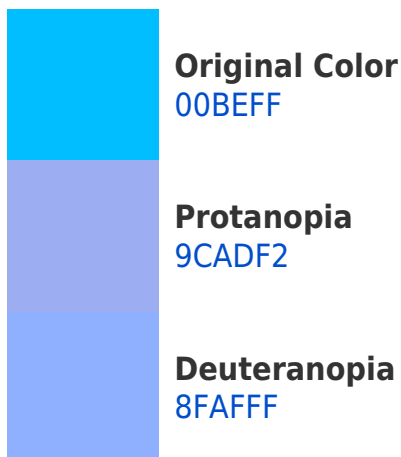


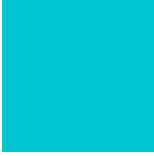
This preview shows how white text looks on a background with the Hex color 00BEFF.

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
00C4D2

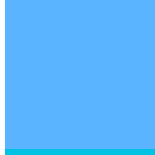
Trichromacy



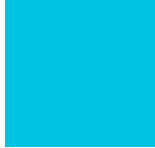
Original Color
00BEFF



Protanomaly
63B3F7



Deuteranomaly
5BB4FF



Tritanomaly
00C2E2

Monochromacy



Original Color
00BEFF



Achromatopsia
8D8D8D



Achromatomaly
5A9FB6

CSS Examples

Text

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

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

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 #00BEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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