

Converting Colors

Hex(2BBEFE)

Have a look what the booklet for
Hex(2BBEFE) contains.

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Color

Hex(2BBEFE)

Conversions

Conversions Part 1	
Format	Color
Hex	2BBEFE
RGB	43, 190, 254
RGB Percent	17%, 75%, 100%
CMY	0.8314, 0.2549, 0.0039
CMYK	0.83, 0.25, 0.00, 0.00
HSL	198°, 99%, 58%
HSV	198°, 83%, 100%
XYZ	37.2991, 44.4963, 100.3887
YIQ	153.3430, -108.1560, -11.2600

Conversions

Conversions Part 2

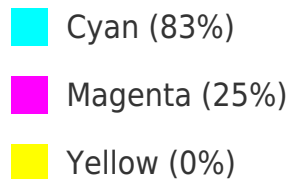
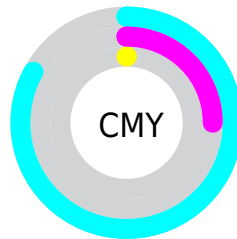
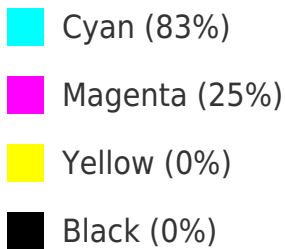
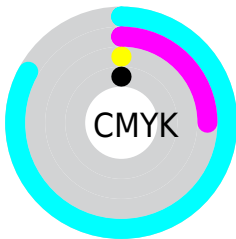
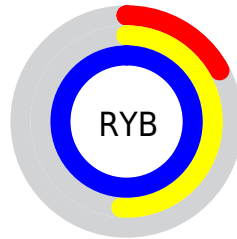
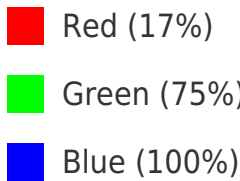
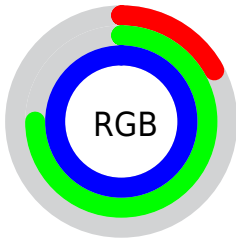
Format	Color
RYB	43, 130, 254
Decimal	2866942
CIELab	72.56, -15.66, -41.97
CIELCh	73, 44.795, 249.543
Yxy	44.4963, 0.2047, 0.2442
Android (android.graphics.Color)	4281057022 (0xFF2BBEFE)
YUV	153.3430, 49.6239, -96.7708
Hunter-Lab	66.7055, -16.9245, -42.5348

Details

The Hex color **2BBEFE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **FE6B2B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7CF6FF**, and **0089C5** is the 20% darker color. If you saturate the color by 10%, you get **12B6FE**, and if you desaturate by 10%, it is **44C6FE**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2BBEFE 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 2BBEFE by changing the saturation by 10% instead.

 2BBEFE

 2BBEFE

FFFFFF

 00A3E1

 7CF6FF

 0089C5

 9DFFFF

 006FAA

 BDFFFF

 00578F

 DDFFFF

 004075

 FDFFFF

 002A5C

 001544

 00032D

 000117

 2BBEFE

 2BBEFE

 12B6FE

 44C6FE

 00B1FE

 5ECDFE

 77D5FE

 91DDFE

 AAE5FE

 C3ECFE

 DDF4FE

 F6FCFE

FFFFFFE

Harmonies

Analogous

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



00C5E5



2BBEFE



89B2FF

Triad

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



2BBEFE



FF91A6



93BF71

Complementary

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



2BBEFE



FE6B2B

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.



BFB45F



2BBEFE



FB9880

Square

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



2BBEFE



EF95D0



E3A665



5CC594

Rectangle

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



2BBEFE



B5A8F9



E3A665



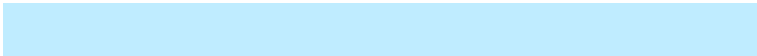
A2BC69

Sweetspot

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



2BBEFE



BFECFF



2BFE6A



597480



000000



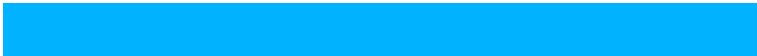
808080

Same Dimension

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



2BBEFE



00B2FF



2B55FE



737C80



0085BF



002C40

Inverse Universe

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



FE2BBE



FF00B2



FED42B



80737C



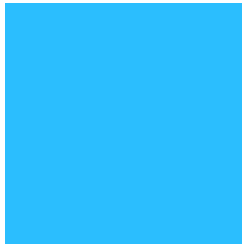
BF0085



40002C

Previews

White Background



This preview shows how the Hex color 2BBEFE looks on a white background.

Color Contrast Check

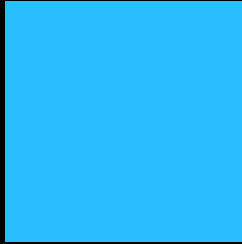
Large Text (above 18pt) WCAG AA × Fail

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 2BBEFE 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

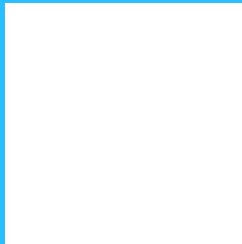
Any Text WCAG AAA ✓ Pass

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

Hex 2BBEFE Background



This preview shows how black text looks on a background with the Hex color 2BBEFE.

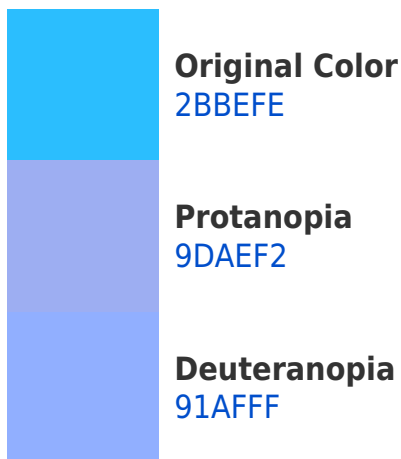


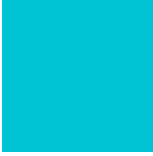
This preview shows how white text looks on a background with the Hex color 2BBEFE.

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




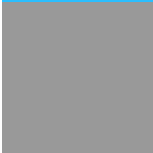


Tritanopia
00C4D4

Trichromacy

	Original Color 2BBEFE
	Protanomaly 74B4F6
	Deuteranomaly 6CB4FF
	Tritanomaly 10C2E3

Monochromacy

	Original Color 2BBEFE
	Achromatopsia 999999
	Achromatomaly 71A6BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BBEFE 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 #2BBEFE looks like.

```
.text, #text, p{  
    color:#2BBEFE  
}
```

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 #2BBEFE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2BBEFE 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
#2BBEFE }
```

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

```
.border{ border-color:#2BBEFE }
```

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

Here you see how a box with a 4 pixel #2BBEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BBEFE; -webkit-box-shadow:4px 4px  
4px 4px #2BBEFE; box-shadow:4px 4px 4px  
4px #2BBEFE }
```

Background

The CSS property to change the background color of an element to Hex 2BBEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BBEFE }
```

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

```
.background{ background-color:#2BBEFE }
```

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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