

Converting Colors

Hex(2BC7FF)

Have a look what the booklet for
Hex(2BC7FF) contains.

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Color

Hex(2BC7FF)

Conversions

Conversions Part 1

Format	Color
Hex	2BC7FF
RGB	43, 199, 255
RGB Percent	17%, 78%, 100%
CMY	0.8314, 0.2196, 0.0000
CMYK	0.83, 0.22, 0.00, 0.00
HSL	196°, 100%, 58%
HSV	196°, 83%, 100%
XYZ	39.4697, 48.5804, 101.9044
YIQ	158.7400, -110.9520, -15.6560

Conversions

Conversions Part 2

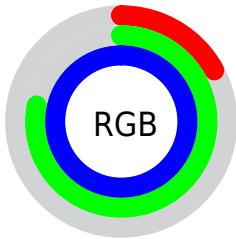
Format	Color
R _Y B	43, 133, 255
Decimal	2869247
CIE Lab	75.19, -20.03, -38.41
CIE LCh	75, 43.317, 242.462
Yxy	48.5804, 0.2078, 0.2557
Android (android.graphics.Color)	4281059327 (0xFF2BC7FF)
YUV	158.7400, 47.4562, -101.5040
Hunter-Lab	69.6997, -20.8930, -37.8952

Details

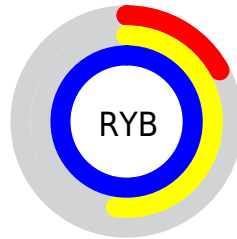
The Hex color **2BC7FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF632B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7DFFFF**, and **0091C6** is the 20% darker color. If you saturate the color by 10%, you get **12C0FF**, and if you desaturate by 10%, it is **45CEFF**.

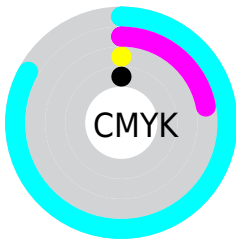
Distribution



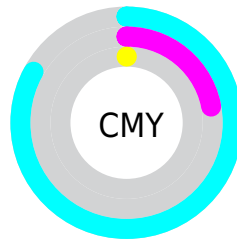
- Red (17%)
- Green (78%)
- Blue (100%)



- Red (17%)
- Yellow (52%)
- Blue (100%)



- Cyan (83%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC7FF 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 2BC7FF by changing the saturation by 10% instead.

 2BC7FF

 2BC7FF

FFFFFF

 00ACE2

 7DFFFF

 0091C6

 9EFFFF

 0077AB

 BEFFFF

 005F90

 DEFFFF

 004776

FEFFFF

 00305D

 001D45

 00042E

 000119

■ 2BC7FF

■ 2BC7FF

■ 12C0FF

■ 45CEFF

■ 00BCFF

■ 5ED4FF

■ 78DBFF

■ 91E2FF

■ ABE9FF

■ C4EFFF

■ DEF6FF

■ F7FDFF

FFFFFF

Harmonies

Analogous

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



00CDE3



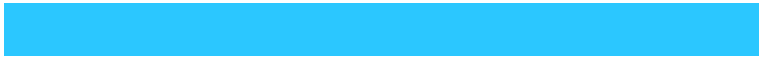
2BC7FF



82BCFF

Triad

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



2BC7FF



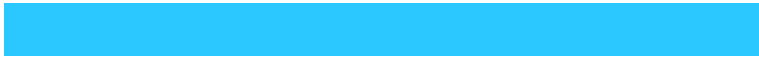
FF99B7



A6C374

Complementary

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



2BC7FF



FF632B

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.



D0B868



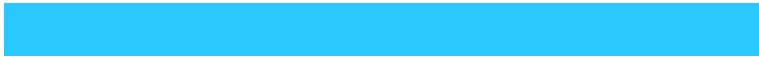
2BC7FF



FF9E90

Square

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



2BC7FF



EEA0DF



F1AA73



75CB93

Rectangle

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



2BC7FF



AEB3FF



F1AA73



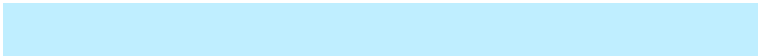
B4C06E

Sweetspot

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



2BC7FF



BFEEFF



2BFF60



597580



000000



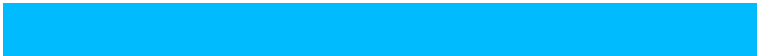
808080

Same Dimension

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



2BC7FF



00BCFF



2B60FF



737C80



008DBF



002F40

Inverse Universe

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



FF2BC7



FF00BC



FFCA2B



80737C



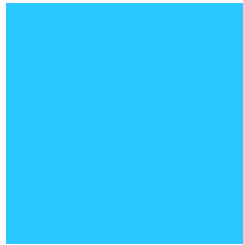
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 2BC7FF looks on a white background.

Color Contrast Check

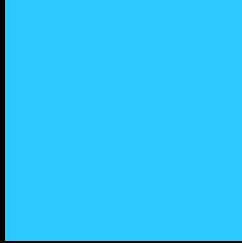
Large Text (above 18pt) WCAG AA × Fail

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 2BC7FF 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

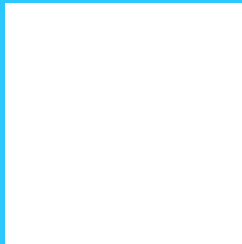
Any Text WCAG AAA ✓ Pass

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

Hex 2BC7FF Background



This preview shows how black text looks on a background with the Hex color 2BC7FF.



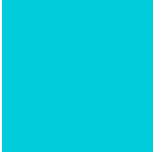
This preview shows how white text looks on a background with the Hex color 2BC7FF.

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

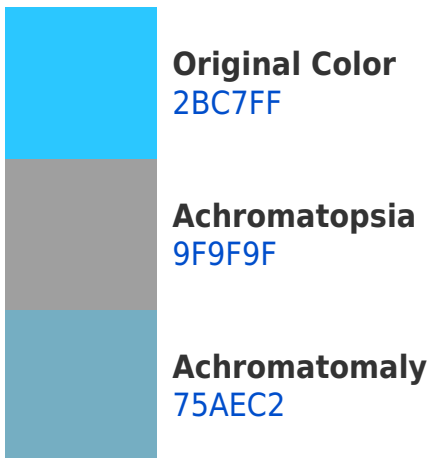




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC7FF 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 #2BC7FF looks like.

```
.text, #text, p{  
    color:#2BC7FF  
}
```

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 #2BC7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC7FF
}
```

Border

The CSS property to change the border of an element to Hex 2BC7FF 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
#2BC7FF }
```

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

```
.border{ border-color:#2BC7FF }
```

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

Here you see how a box with a 4 pixel #2BC7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC7FF; -webkit-box-shadow:4px 4px  
4px 4px #2BC7FF; box-shadow:4px 4px 4px  
4px #2BC7FF }
```

Background

The CSS property to change the background color of an element to Hex 2BC7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC7FF }
```

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

```
.background{ background-color:#2BC7FF }
```

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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