

Converting Colors

Hex(2CD2FF)

Have a look what the booklet for
Hex(2CD2FF) contains.

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Color

Hex(2CD2FF)

Conversions

Conversions Part 1

Format	Color
Hex	2CD2FF
RGB	44, 210, 255
RGB Percent	17%, 82%, 100%
CMY	0.8275, 0.1765, 0.0000
CMYK	0.83, 0.18, 0.00, 0.00
HSL	193°, 100%, 59%
HSV	193°, 83%, 100%
XYZ	42.1353, 53.8487, 102.7808
YIQ	165.4960, -113.3810, -21.1970

Conversions

Conversions Part 2

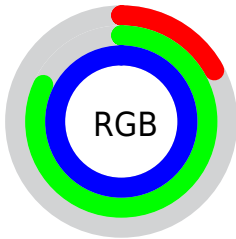
Format	Color
R _Y B	44, 137, 255
Decimal	2937599
CIE Lab	78.37, -25.54, -33.48
CIE LCh	78, 42.106, 232.666
Yxy	53.8487, 0.2120, 0.2709
Android (android.graphics.Color)	4281127679 (0xFF2CD2FF)
YUV	165.4960, 44.1255, -106.5520
Hunter-Lab	73.3816, -25.9243, -31.6764

Details

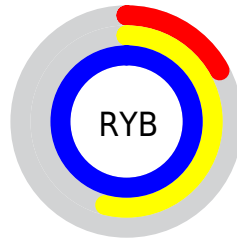
The Hex color **2CD2FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF592C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009BC6** is the 20% darker color. If you saturate the color by 10%, you get **13CDFF**, and if you desaturate by 10%, it is **46D7FF**.

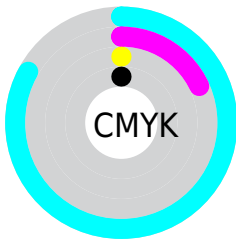
Distribution



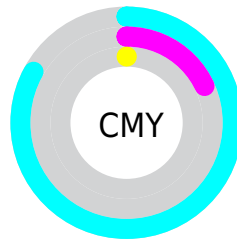
- Red (17%)
- Green (82%)
- Blue (100%)



- Red (17%)
- Yellow (54%)
- Blue (100%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CD2FF 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 2CD2FF by changing the saturation by 10% instead.

 2CD2FF

 2CD2FF

FFFFFF

 00B6E2

 7FFFFFFF

 009BC6

 A0FFFF

 0081AB

 C0FFFF

 006890

 E0FFFF

 004F76

 00385D

 002445

 00042F

 000119

■ 2CD2FF

■ 2CD2FF

■ 13CDFF

■ 46D7FF

■ 00C9FF

■ 5FD0FF

■ 79E2FF

■ 92E8FF

■ ACEDFF

■ C5F3FF

■ DFF8FF

■ F8FEFF

FFFFFF

Harmonies

Analogous

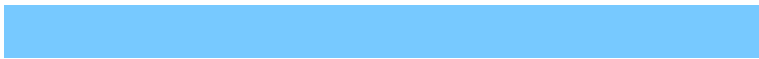
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1BD6DF



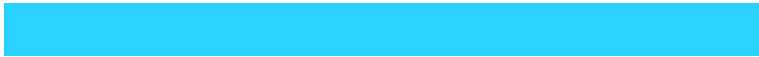
2CD2FF



77C9FF

Triad

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



2CD2FF



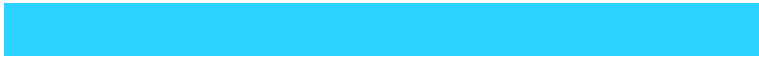
FFA4CD



BDC978

Complementary

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



2CD2FF



FF592C

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.



E4BC74



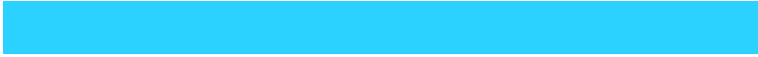
2CD2FF



FFA5A6

Square

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



2CD2FF



EAADF2



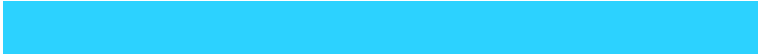
FFAF85



90D291

Rectangle

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



2CD2FF



A4C0FF



FFAF85



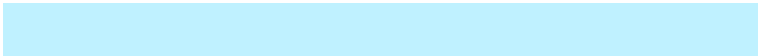
CBC574

Sweetspot

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



2CD2FF



BFF1FF



2CFF56



597780



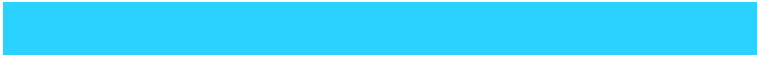
000000



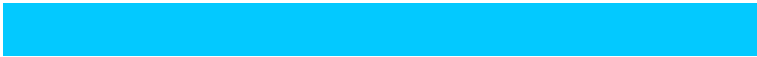
808080

Same Dimension

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



2CD2FF



03C9FF



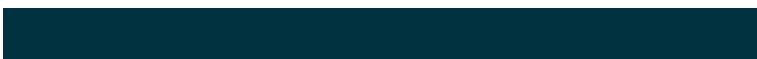
2C6BFF



737D80



0096BF



003240

Inverse Universe

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



FF2CD2



FF03C9



FFC02C



80737D



BF0096



400032

Previews

White Background



This preview shows how the Hex color 2CD2FF looks on a white background.

Color Contrast Check

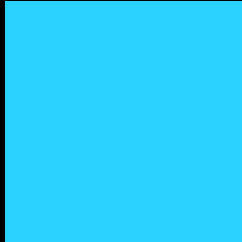
Large Text (above 18pt) WCAG AA × Fail

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 2CD2FF 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 2CD2FF Background



This preview shows how black text looks on a background with the Hex color 2CD2FF.

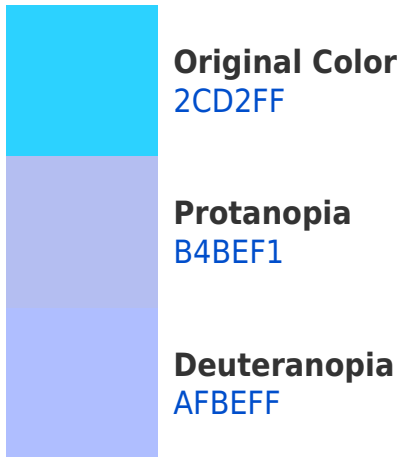


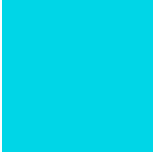
This preview shows how white text looks on a background with the Hex color 2CD2FF.

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
00D6E7

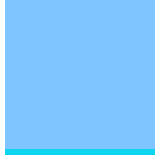
Trichromacy



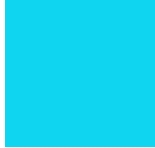
Original Color
2CD2FF



Protanomaly
83C5F6



Deuteranomaly
7FC5FF



Tritanomaly
10D5F0

Monochromacy



Original Color
2CD2FF



Achromatopsia
A5A5A5



Achromatomaly
79B5C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CD2FF 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 #2CD2FF looks like.

```
.text, #text, p{  
    color:#2CD2FF  
}
```

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 #2CD2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD2FF
}
```

Border

The CSS property to change the border of an element to Hex 2CD2FF 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
#2CD2FF }
```

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

```
.border{ border-color:#2CD2FF }
```

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

Here you see how a box with a 4 pixel #2CD2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD2FF; -webkit-box-shadow:4px 4px  
4px 4px #2CD2FF; box-shadow:4px 4px 4px  
4px #2CD2FF }
```

Background

The CSS property to change the background color of an element to Hex 2CD2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD2FF }
```

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

```
.background{ background-color:#2CD2FF }
```

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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