

# Converting Colors

Hex(2ACDFC)

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

<b>Hex(2ACDFC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(2ACDFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2ACDFC
RGB	42, 205, 252
RGB Percent	16%, 80%, 99%
CMY	0.8353, 0.1961, 0.0118
CMYK	0.83, 0.19, 0.00, 0.01
HSL	193°, 97%, 58%
HSV	193°, 83%, 99%
XYZ	40.3569, 51.1832, 99.8478
YIQ	161.6210, -112.2350, -19.9390

# Conversions

## Conversions Part 2

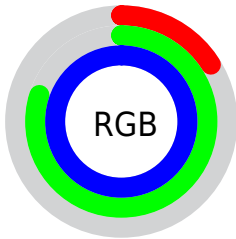
Format	Color
R <sub>Y</sub> B	42, 134, 252
Decimal	2805244
CIE Lab	76.79, -24.15, -34.32
CIE LCh	77, 41.970, 234.870
Yxy	51.1832, 0.2109, 0.2674
Android (android.graphics.Color)	4280995324 (0xFF2ACDFC)
YUV	161.6210, 44.5568, -104.9076
Hunter-Lab	71.5424, -24.5079, -32.6681

# Details

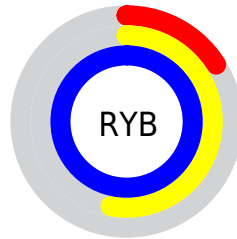
The Hex color **2ACDFC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC592A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7DFFFF**, and **0097C3** is the 20% darker color. If you saturate the color by 10%, you get **11C7FC**, and if you desaturate by 10%, it is **43D3FC**.

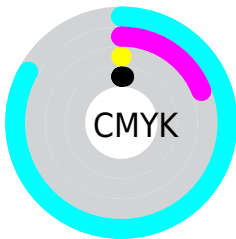
# Distribution



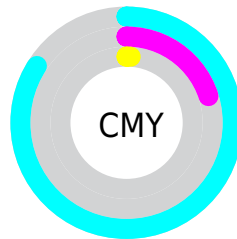
- Red (16%)
- Green (80%)
- Blue (99%)



- Red (16%)
- Yellow (53%)
- Blue (99%)



- Cyan (83%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (84%)
- Magenta (20%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 2ACDFC

 2ACDFC

FFFFFF

 00B1DF

 7DFFFF

 0097C3

 9EFFFF

 007DA8

 BEFFFF

 00638D

 DEFFFF

 004B74

FEFFFF

 00345B

 002143

 00032D

 000117

■ 2ACDFC

■ 2ACDFC

■ 11C7FC

■ 43D3FC

■ 00C4FC

■ 5CD8FC

■ 76DEFC

■ 8FE4FC

■ A8E9FC

■ C1EFFC

■ DAF4FC

■ F4FAFC

FFFFFC

# Harmonies

## Analogous

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



02D2DD



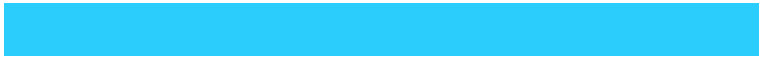
2ACDFC



78C3FF

# Triad

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



2ACDFC



FFA0C6



B6C576

# Complementary

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



2ACDFC



FC592A

# 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.



DDB970



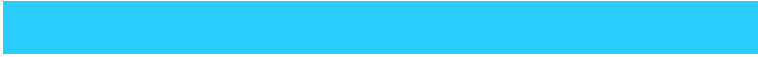
2ACDFC



FFA19F

# Square

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



2ACDFC



E8A8EB



FAAB7F



88CE90

# Rectangle

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



2ACDFC



A4BBFF



FAAB7F



C4C171

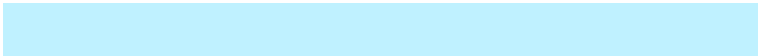


# Sweetspot

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



2ACDFC



BFF1FF



2AFC58



597780



000000



808080

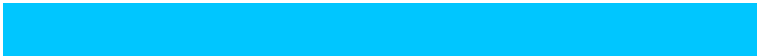


# Same Dimension

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



2ACDFC



00C6FF



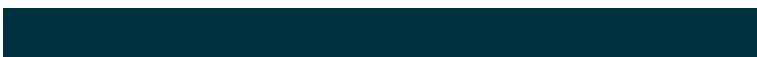
2A65FC



707A7D



0092BD



00303D



# Inverse Universe

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



FC2ACD



FF00C6



FCC12A



7D707A



BD0092

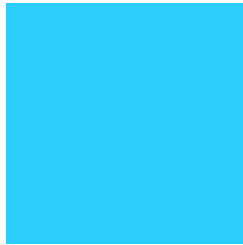


3D0030



# Previews

## White Background



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

## Color Contrast Check

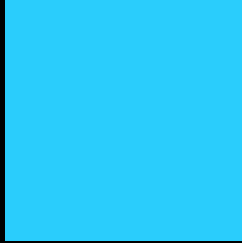
Large Text (above 18pt) WCAG AA × Fail

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 2ACDFC 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

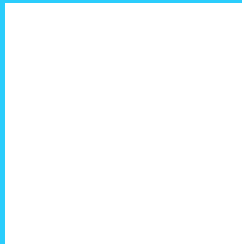
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2ACDFC Background



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

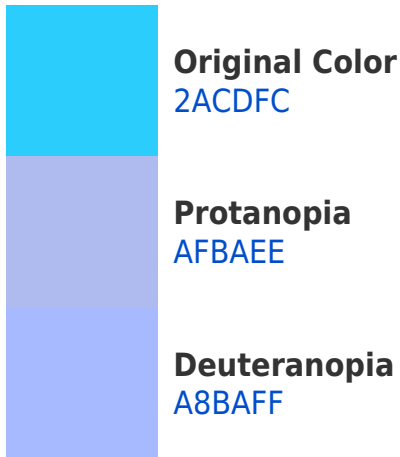


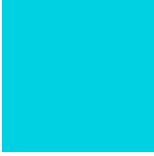
This preview shows how white text looks on a background with the Hex color 2ACDFC.

# 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**  
00D1E2

# Trichromacy



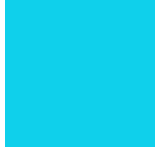
**Original Color**  
2ACDFC



**Protanomaly**  
7FC1F3



**Deuteranomaly**  
7AC1FE



**Tritanomaly**  
0FD0EB

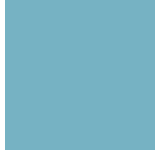
# Monochromacy



**Original Color**  
2ACDFC



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
76B2C3

# CSS Examples

## Text

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

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

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 #2ACDFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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