

# Converting Colors

Hex(2FC5EF)

Have a look what the booklet for  
Hex(2FC5EF) contains.

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# **Color**

**Hex(2FC5EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FC5EF
RGB	47, 197, 239
RGB Percent	18%, 77%, 94%
CMY	0.8157, 0.2275, 0.0627
CMYK	0.80, 0.18, 0.00, 0.06
HSL	193°, 86%, 56%
HSV	193°, 80%, 94%
XYZ	36.7185, 46.7688, 88.7534
YIQ	156.9380, -102.8820, -18.7380

# Conversions

## Conversions Part 2

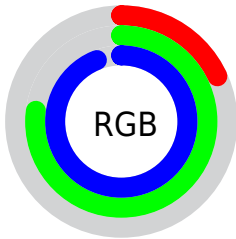
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	47, 131, 239
Decimal	3130863
CIE Lab	74.04, -23.96, -31.58
CIE LCh	74, 39.640, 232.818
Yxy	46.7688, 0.2132, 0.2715
Android (android.graphics.Color)	4281320943 (0xFF2FC5EF)
YUV	156.9380, 40.4566, -96.4156
Hunter-Lab	68.3877, -23.8389, -29.0749

# Details

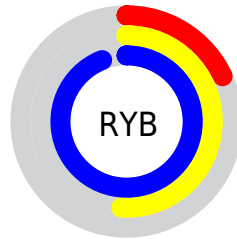
The Hex color **2FC5EF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF592F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7CFEFF**, and **008FB7** is the 20% darker color. If you saturate the color by 10%, you get **17C0EF**, and if you desaturate by 10%, it is **47CAEF**.

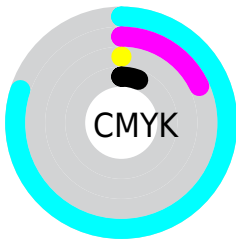
# Distribution



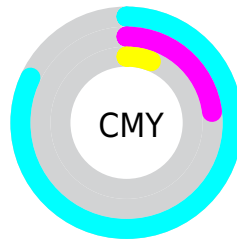
- Red (18%)
- Green (77%)
- Blue (94%)



- Red (18%)
- Yellow (51%)
- Blue (94%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (23%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FC5EF 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 2FC5EF by changing the saturation by 10% instead.



 2FC5EF

 2FC5EF

FFFFFF

 00AAD3

 7CFE9F

 008FB7

 9DFFFF

 00759C

 BCF9FF

 005C82

 DC99FF

 004568

 FB99FF

 002E50

 001A39

 000223

 00000A

■ 2FC5EF

■ 2FC5EF

■ 17C0EF

■ 47CAEF

■ 00BBEF

■ 5FCFEF

■ 77D5EF

■ 8FDAEF

■ A6DFEF

■ BEE4EF

■ D6EAEF

■ EEEFEF

■ FFF4EF

# Harmonies

## Analogous

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



20C9D1



2FC5EF



72BCFE

# Triad

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



2FC5EF



F79AC0



B2BC72

# Complementary

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



2FC5EF



EF592F

# 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.



D6B16D



2FC5EF



FD9B9C

# Square

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



2FC5EF



DCA3E2



F1A47D



87C589

# Rectangle

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



2FC5EF



9BB4FD



F1A47D



BFB96E

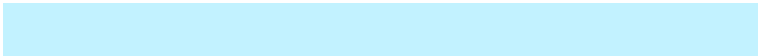


# Sweetspot

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



2FC5EF



C2F2FF



2FEF59



5B7780



000000



808080

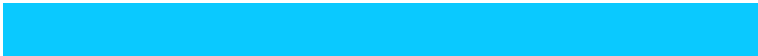


# Same Dimension

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



2FC5EF



0AC9FF



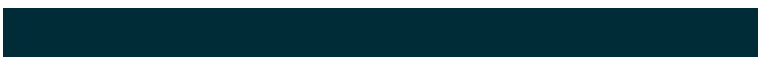
2F65EF



6C7578



008FB8



002C38



# Inverse Universe

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



EF2FC5



FF0AC9



EFB92F



786C75



B8008F

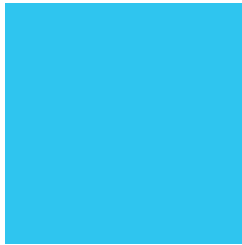


38002C



# Previews

## White Background



This preview shows how the Hex color 2FC5EF looks on a white background.

## Color Contrast Check

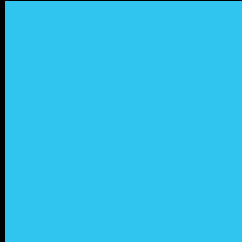
Large Text (above 18pt) WCAG AA × Fail

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 2FC5EF 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 2FC5EF Background



This preview shows how black text looks on a background with the Hex color 2FC5EF.

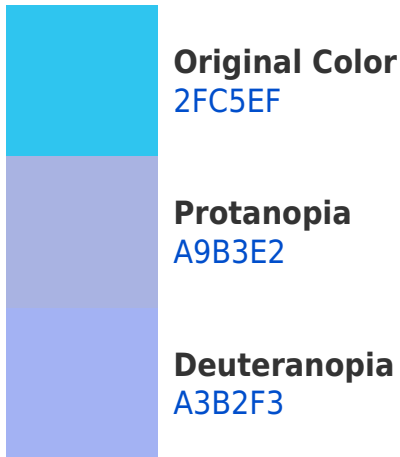


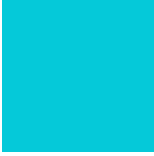
This preview shows how white text looks on a background with the Hex color 2FC5EF.

# 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](#).

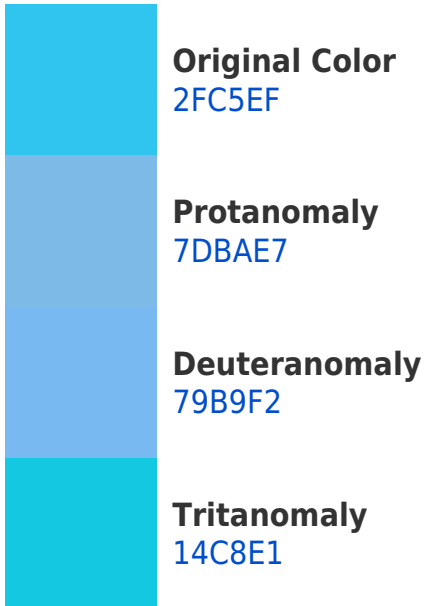
## Dichromacy



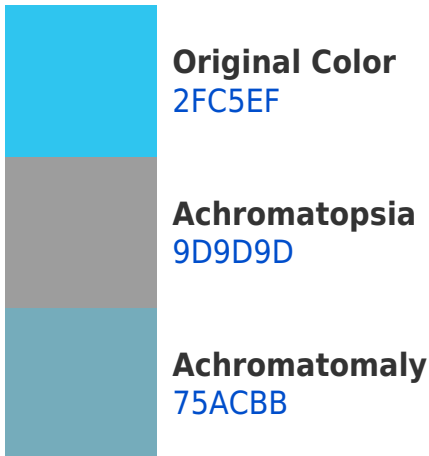


**Tritanopia**  
05C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FC5EF 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 #2FC5EF looks like.

```
.text, #text, p{  
    color:#2FC5EF  
}
```

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 #2FC5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC5EF
}
```

## Border

The CSS property to change the border of an element to Hex 2FC5EF 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
#2FC5EF }
```

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

```
.border{ border-color:#2FC5EF }
```

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

Here you see how a box with a 4 pixel #2FC5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC5EF; -webkit-box-shadow:4px 4px  
4px 4px #2FC5EF; box-shadow:4px 4px 4px  
4px #2FC5EF }
```

# Background

The CSS property to change the background color of an element to Hex 2FC5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC5EF }
```

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

```
.background{ background-color:#2FC5EF }
```

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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