

# Converting Colors

Hex(41C2F9)

Have a look what the booklet for  
Hex(41C2F9) contains.

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# **Color**

**Hex(41C2F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C2F9
RGB	65, 194, 249
RGB Percent	25%, 76%, 98%
CMY	0.7451, 0.2392, 0.0235
CMYK	0.74, 0.22, 0.00, 0.02
HSL	198°, 94%, 62%
HSV	198°, 74%, 98%
XYZ	38.5706, 46.5469, 96.5741
YIQ	161.6990, -94.5390, -10.2430

# Conversions

## Conversions Part 2

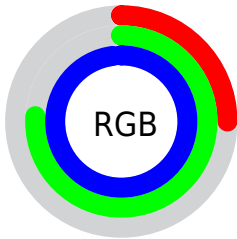
Format	Color
R <sub>Y</sub> B	65, 141, 249
Decimal	4309753
CIE Lab	73.90, -17.32, -37.16
CIE LCh	74, 40.999, 245.013
Yxy	46.5469, 0.2123, 0.2562
Android (android.graphics.Color)	4282499833 (0xFF41C2F9)
YUV	161.6990, 43.0394, -84.8050
Hunter-Lab	68.2253, -18.4808, -36.1683

# Details

The Hex color **41C2F9** 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 **F97841**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **88FBFF**, and **008CC0** is the 20% darker color. If you saturate the color by 10%, you get **28BBF9**, and if you desaturate by 10%, it is **5AC9F9**.

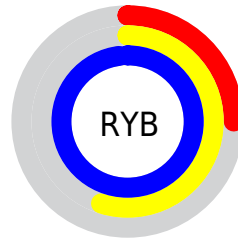
# Distribution



Red (25%)

Green (76%)

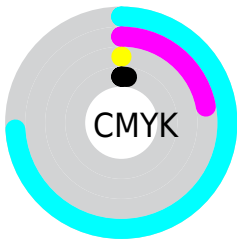
Blue (98%)



Red (25%)

Yellow (55%)

Blue (98%)

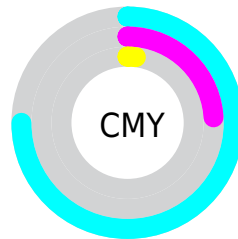


Cyan (74%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (75%)

Magenta (24%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C2F9 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 41C2F9 by changing the saturation by 10% instead.



 41C2F9

 41C2F9

FFFFFF

 00A7DC

 88FBFF

 008CC0

 A7FFFF

 0073A5

 C7FFFF

 005A8A

 E6FFFF

 004371

 002D58

 001A40

 00032A

 000114

■ 41C2F9

■ 41C2F9

■ 28BBF9

■ 5AC9F9

■ 0FB3F9

■ 73D1F9

■ 00AFF9

■ 8CD8F9

■ A5E0F9

■ BEE7F9

■ D6EFF9

■ EFF6F9

■ FFFEF9

■ FFFFF9

# Harmonies

## Analogous

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



00C8E0



41C2F9



89B7FF

# Triad

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



41C2F9



FD98B1



A0C077

# Complementary

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



41C2F9



F97841

# 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.



C8B56A



41C2F9



FC9D8C

# Square

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



41C2F9



EA9DD6



E8A872



72C795

# Rectangle

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



41C2F9



B1AEFA



E8A872



AEBD70

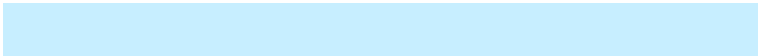


# Sweetspot

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



41C2F9



C7EEFF



41F975



5E7680



000000



808080



# Same Dimension

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



41C2F9



1CBBF9



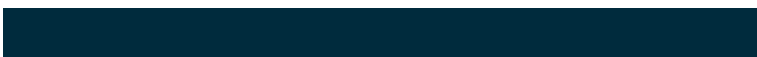
4169F9



70797D



0084BD



002B3D



# Inverse Universe

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



F941C2



FF1CBB



F9D141



7D7079



BD0084

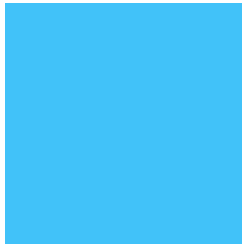


3D002B



# Previews

## White Background



This preview shows how the Hex color 41C2F9 looks on a white background.

## Color Contrast Check

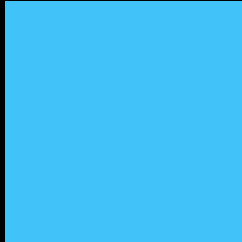
Large Text (above 18pt) WCAG AA × Fail

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 41C2F9 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

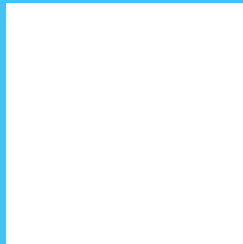
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41C2F9 Background



This preview shows how black text looks on a background with the Hex color 41C2F9.

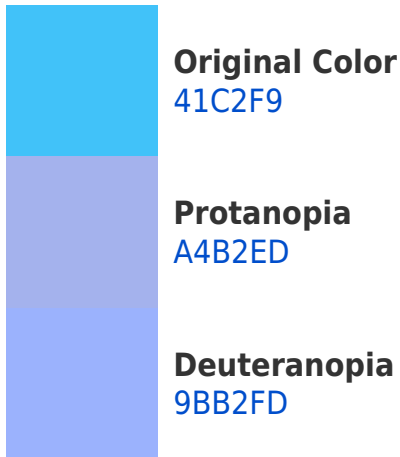


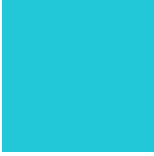
This preview shows how white text looks on a background with the Hex color 41C2F9.

# 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](#).

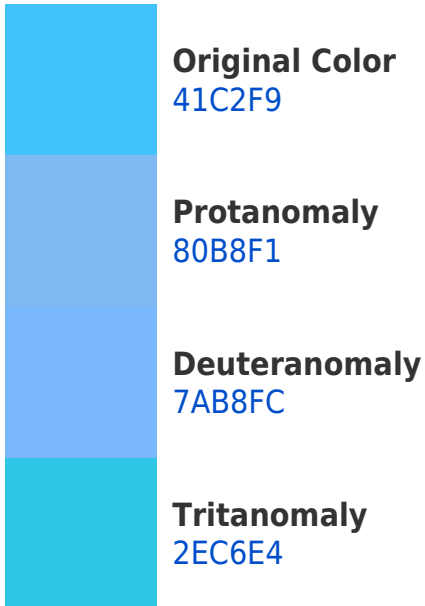
## Dichromacy



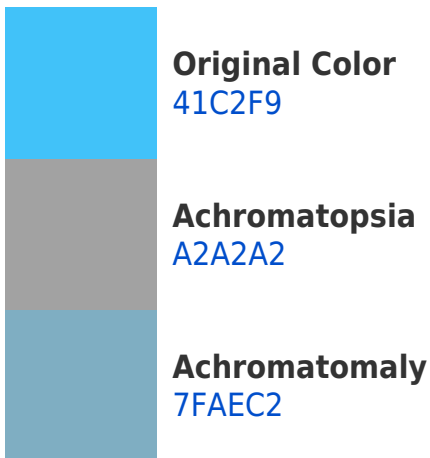


**Tritanopia**  
23C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C2F9 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 #41C2F9 looks like.

```
.text, #text, p{  
  color:#41C2F9  
}
```

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 #41C2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C2F9
}
```

## Border

The CSS property to change the border of an element to Hex 41C2F9 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
#41C2F9 }
```

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

```
.border{ border-color:#41C2F9 }
```

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

Here you see how a box with a 4 pixel #41C2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C2F9; -webkit-box-shadow:4px 4px  
4px 4px #41C2F9; box-shadow:4px 4px 4px  
4px #41C2F9 }
```

# Background

The CSS property to change the background color of an element to Hex 41C2F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C2F9 }
```

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

```
.background{ background-color:#41C2F9 }
```

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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