

Converting Colors

Hex(41BDFE)

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

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Color

Hex(41BDFE)

Conversions

Conversions Part 1

Format	Color
Hex	41BDFE
RGB	65, 189, 254
RGB Percent	25%, 74%, 100%
CMY	0.7451, 0.2588, 0.0039
CMYK	0.74, 0.26, 0.00, 0.00
HSL	201°, 99%, 63%
HSV	201°, 74%, 100%
XYZ	38.2670, 44.6748, 100.3721
YIQ	159.3340, -94.7690, -6.0730

Conversions

Conversions Part 2

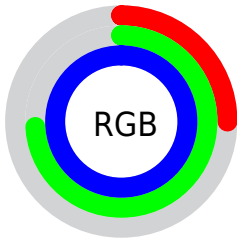
Format	Color
R _{YB}	65, 140, 254
Decimal	4308478
CIE _{Lab}	72.68, -13.03, -41.76
CIE _{LCh}	73, 43.740, 252.674
Yxy	44.6748, 0.2088, 0.2437
Android (android.graphics.Color)	4282498558 (0xFF41BDFE)
YUV	159.3340, 46.6703, -82.7309
Hunter-Lab	66.8392, -14.7732, -42.2481

Details

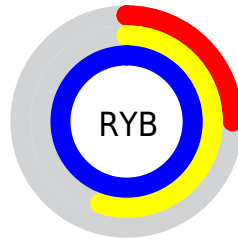
The Hex color **41BDFE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE8241**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **88F5FF**, and **0088C5** is the 20% darker color. If you saturate the color by 10%, you get **28B4FE**, and if you desaturate by 10%, it is **5AC6FE**.

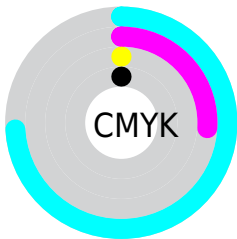
Distribution



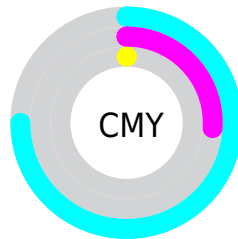
- Red (25%)
- Green (74%)
- Blue (100%)



- Red (25%)
- Yellow (55%)
- Blue (100%)



- Cyan (74%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 41BDFE

FFFFFF

 88F5FF

 A8FFFF

 C7FFFF

 E7FFFF

 41BDFE

 00A2E1

 0088C5

 006FAA

 00568F

 003F75

 002A5C

 001644

 00032D

 000117

■ 41BDFE

■ 41BDFE

■ 28B4FE

■ 5AC6FE

■ 0EACFE

■ 74CEFE

■ 00A7FE

■ 8DD7FE

■ A7E0FE

■ C0E9FE

■ D9F1FE

■ F3FAFE

FFFFFE

Harmonies

Analogous

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



00C5E7



41BDFE



92B1FF

Triad

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



41BDFE



FF92A3



8FC076

Complementary

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



41BDFE



FE8241

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.



BBB562



41BDFE



F89A7E

Square

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



41BDFE



F195CB



E0A866



59C699

Rectangle

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



41BDFE



BBA7F6



E0A866



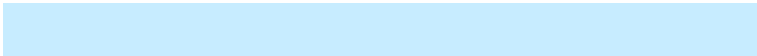
9EBD6D

Sweetspot

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



41BDFE



C7ECFF



41FE80



5E7480



000000



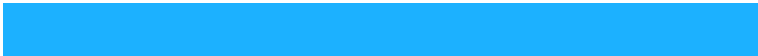
808080

Same Dimension

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



41BDFE



1CB1FF



4161FE



737B80



007DBF



002A40

Inverse Universe

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



FE41BD



FF1CB1



FEDF41



80737B



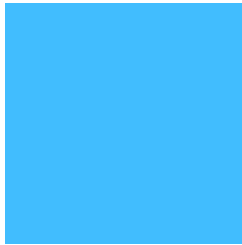
BF007D



40002A

Previews

White Background



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

Color Contrast Check

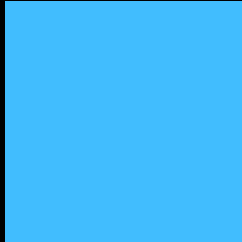
Large Text (above 18pt) WCAG AA × Fail

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 41BDFE 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

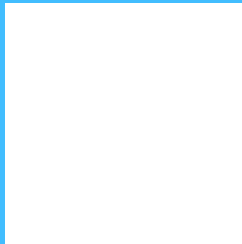
Any Text WCAG AAA ✓ Pass

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

Hex 41BDFE Background



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

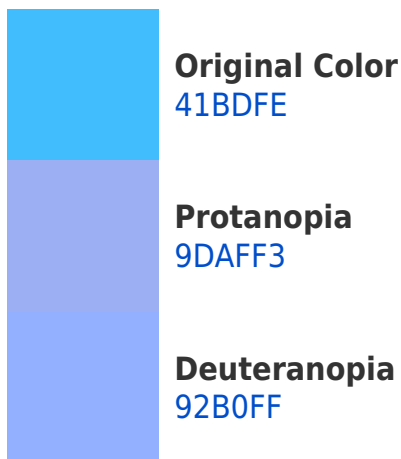


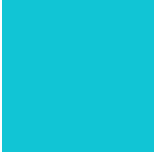
This preview shows how white text looks on a background with the Hex color 41BDFE.

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](#).

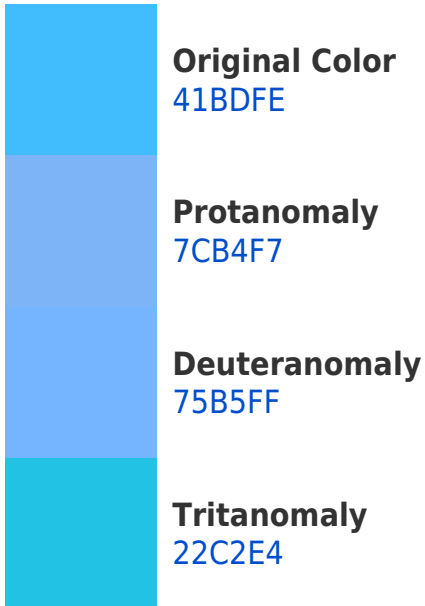
Dichromacy



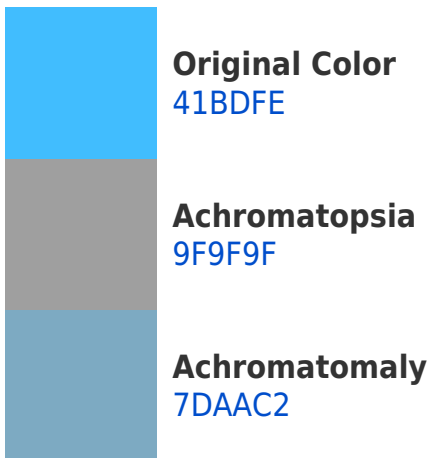


Tritanopia
11C5D5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #41BDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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