

# Converting Colors

Hex(42BAFB)

Have a look what the booklet for  
Hex(42BAFB) contains.

<b>Hex(42BAFB)</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(42BAFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42BAFB
RGB	66, 186, 251
RGB Percent	26%, 73%, 98%
CMY	0.7412, 0.2706, 0.0157
CMYK	0.74, 0.26, 0.00, 0.02
HSL	201°, 96%, 62%
HSV	201°, 74%, 98%
XYZ	37.2183, 43.2411, 97.6515
YIQ	157.5300, -92.3850, -5.2250

# Conversions

## Conversions Part 2

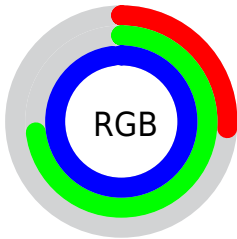
Format	Color
R <sub>Y</sub> B	66, 139, 251
Decimal	4373243
CIE Lab	71.72, -12.30, -41.63
CIE LCh	72, 43.412, 253.545
Yxy	43.2411, 0.2090, 0.2428
Android (android.graphics.Color)	4282563323 (0xFF42BAFB)
YUV	157.5300, 46.0807, -80.2718
Hunter-Lab	65.7580, -14.0475, -42.0159

# Details

The Hex color **42BAFB** 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 **FB8342**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **88F2FF**, and **0085C2** is the 20% darker color. If you saturate the color by 10%, you get **29B1FB**, and if you desaturate by 10%, it is **5BC3FB**.

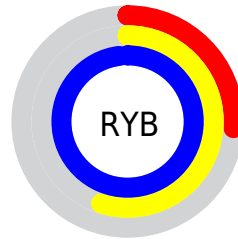
# Distribution



Red (26%)

Green (73%)

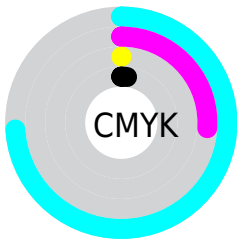
Blue (98%)



Red (26%)

Yellow (55%)

Blue (98%)

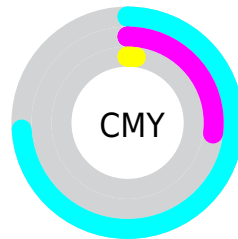


Cyan (74%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (74%)

Magenta (27%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42BAFB 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 42BAFB by changing the saturation by 10% instead.



 42BAFB

 42BAFB

FFFFFF

 009FDE

 88F2FF

 0085C2

 A8FFFF

 006CA7

 C7FFFF

 00548C

 E6FFFF

 003D72

 002759

 001142

 00032B

 000115

■ 42BAFB

■ 42BAFB

■ 29B1FB

■ 5BC3FB

■ 10A8FB

■ 74CCFB

■ 00A3FB

■ 8DD4FB

■ A6DDFB

■ C0E6FB

■ D9EFFB

■ F2F8FB

■ FFFFFB

# Harmonies

## Analogous

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



00C2E5



42BAFB



92AEFD

# Triad

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



42BAFB



FC909F



8BBD75

# Complementary

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



42BAFB



FB8342

# 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.



B7B361



42BAFB



F4987B

# Square

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



42BAFB



EF93C7



DCA664



55C398

# Rectangle

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



42BAFB



BAA4F2



DCA664



9BBA6C

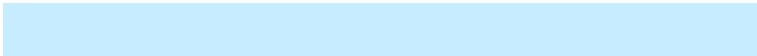


# Sweetspot

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



42BAFB



C7EBFF



42FB83



5E7480



000000



808080



# Same Dimension

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



42BAFB



1FB0FF



425EFB



70797D



007ABD



00283D



# Inverse Universe

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



FB42BA



FF1FB0



FBDF42



7D7079



BD007A

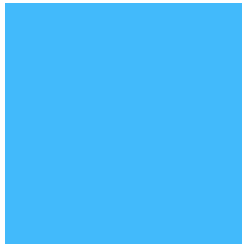


3D0028



# Previews

## White Background



This preview shows how the Hex color 42BAFB looks on a white background.

## Color Contrast Check

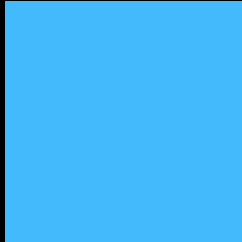
Large Text (above 18pt) WCAG AA × Fail

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 42BAFB 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

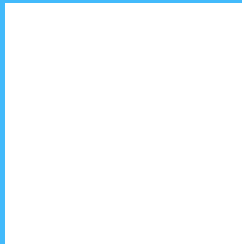
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 42BAFB Background



This preview shows how black text looks on a background with the Hex color 42BAFB.

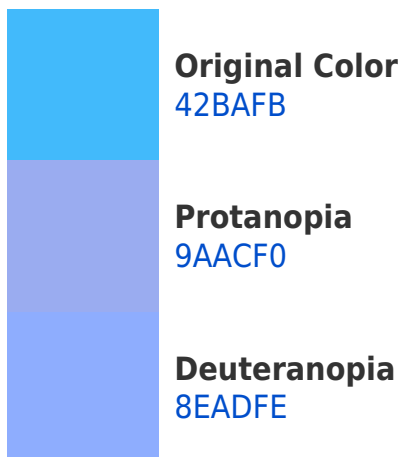


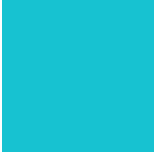
This preview shows how white text looks on a background with the Hex color 42BAFB.

# 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](#).

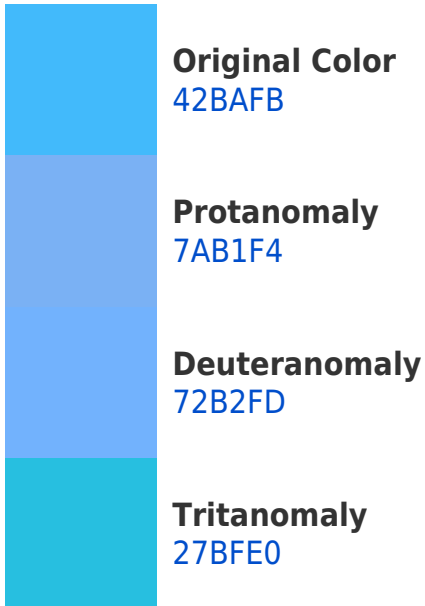
## Dichromacy



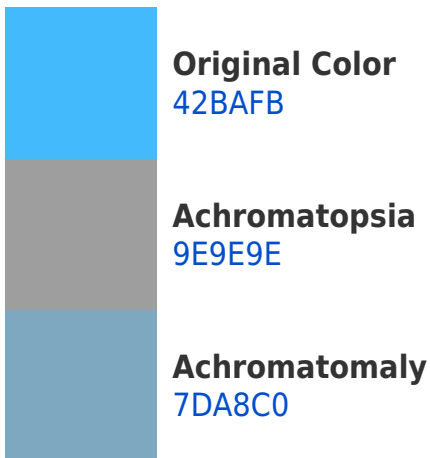


**Tritanopia**  
17C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42BAFB 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 #42BAFB looks like.

```
.text, #text, p{  
    color:#42BAFB  
}
```

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 #42BAFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BAFB
}
```

## Border

The CSS property to change the border of an element to Hex 42BAFB 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
#42BAFB }
```

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

```
.border{ border-color:#42BAFB }
```

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

Here you see how a box with a 4 pixel #42BAFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BAFB; -webkit-box-shadow:4px 4px  
4px 4px #42BAFB; box-shadow:4px 4px 4px  
4px #42BAFB }
```

# Background

The CSS property to change the background color of an element to Hex 42BAFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BAFB }
```

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

```
.background{ background-color:#42BAFB }
```

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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