

# Converting Colors

Hex(41B3F1)

Have a look what the booklet for  
Hex(41B3F1) contains.

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# **Color**

**Hex(41B3F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41B3F1
RGB	65, 179, 241
RGB Percent	25%, 70%, 95%
CMY	0.7451, 0.2980, 0.0549
CMYK	0.73, 0.26, 0.00, 0.05
HSL	201°, 86%, 60%
HSV	201°, 73%, 95%
XYZ	34.1773, 39.7149, 89.0835
YIQ	151.9820, -87.8460, -4.8860

# Conversions

## Conversions Part 2

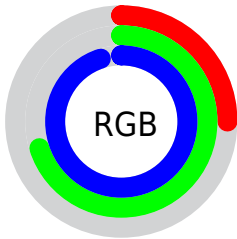
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 134, 241
Decimal	4305905
CIE Lab	69.27, -11.97, -40.05
CIE LCh	69, 41.799, 253.354
Yxy	39.7149, 0.2097, 0.2437
Android (android.graphics.Color)	4282495985 (0xFF41B3F1)
YUV	151.9820, 43.8859, -76.2832
Hunter-Lab	63.0198, -13.4794, -39.6974

# Details

The Hex color **41B3F1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F17F41**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **86EBFF**, and **007EB9** is the 20% darker color. If you saturate the color by 10%, you get **29ABF1**, and if you desaturate by 10%, it is **59BBF1**.

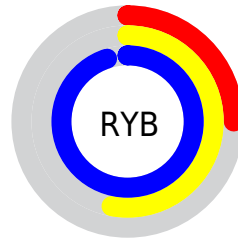
# Distribution



Red (25%)

Green (70%)

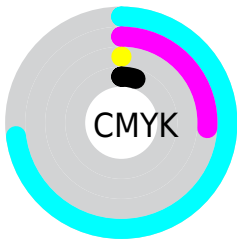
Blue (95%)



Red (25%)

Yellow (53%)

Blue (95%)

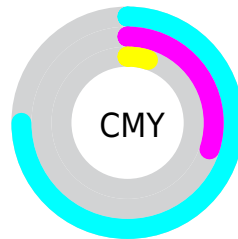


Cyan (73%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (30%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B3F1 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 41B3F1 by changing the saturation by 10% instead.



 41B3F1

 41B3F1

FFFFFF

 0098D4

 86EBFF

 007EB9

 A5FFFF

 00669D

 C4FFFF

 004E83

 E3FFFF

 00376A

 002251

 00053A

 000223

 00000A

■ 41B3F1

■ 41B3F1

■ 29ABF1

■ 59BBF1

■ 11A2F1

■ 71C4F1

■ 009CF1

■ 89CCF1

■ A1D5F1

■ BADD F1

■ D2E6F1

■ EAEE F1

■ FFF7F1

■ FFFFF1

# Harmonies

## Analogous

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



00BADC



41B3F1



8CA7F3

# Triad

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



41B3F1



F28B99



87B671

# Complementary

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



41B3F1



F17F41

# 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.



B1AC5E



41B3F1



EB9377

# Square

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



41B3F1



E58EC0



D3A060



54BC92

# Rectangle

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



41B3F1



B39EE8



D3A060



95B368

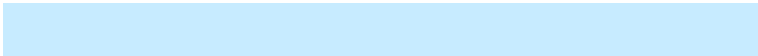


# Sweetspot

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



41B3F1



C7EBFF



41F17F



5E7480



000000



808080



# Same Dimension

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



41B3F1



1FB0FF



415BF1



6C7478



0077B8



002438



# Inverse Universe

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



F141B3



FF1FB0



F1D741



786C74



B80077

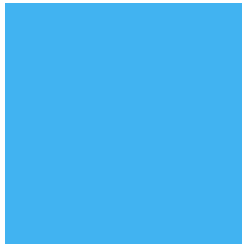


380024



# Previews

## White Background



This preview shows how the Hex color 41B3F1 looks on a white background.

## Color Contrast Check

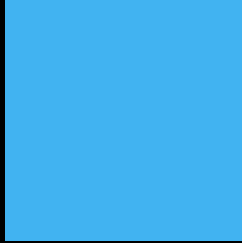
Large Text (above 18pt) WCAG AA × Fail

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 41B3F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

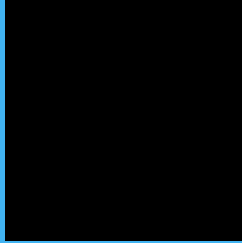
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

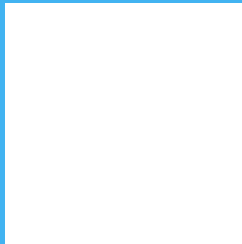
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41B3F1 Background



This preview shows how black text looks on a background with the Hex color 41B3F1.

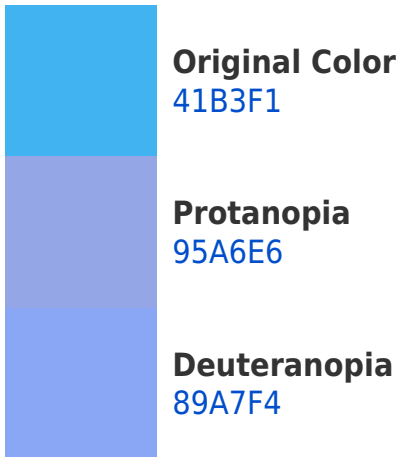


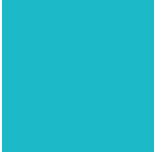
This preview shows how white text looks on a background with the Hex color 41B3F1.

# Color Blindness Simulation

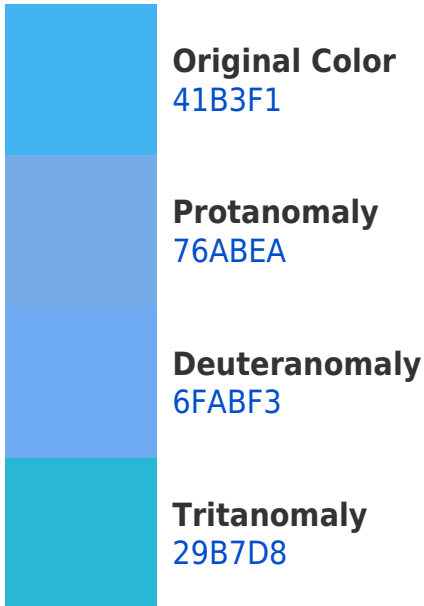
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

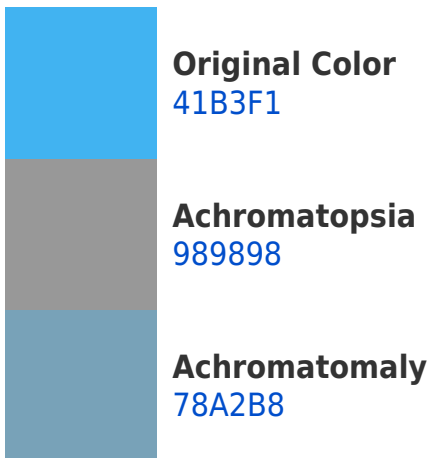




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B3F1 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 #41B3F1 looks like.

```
.text, #text, p{  
    color:#41B3F1  
}
```

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 #41B3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B3F1
}
```

## Border

The CSS property to change the border of an element to Hex 41B3F1 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
#41B3F1 }
```

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

```
.border{ border-color:#41B3F1 }
```

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

Here you see how a box with a 4 pixel #41B3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B3F1; -webkit-box-shadow:4px 4px  
4px 4px #41B3F1; box-shadow:4px 4px 4px  
4px #41B3F1 }
```

# Background

The CSS property to change the background color of an element to Hex 41B3F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B3F1 }
```

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

```
.background{ background-color:#41B3F1 }
```

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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