

# Converting Colors

Hex(4EB6F6)

Have a look what the booklet for  
Hex(4EB6F6) contains.

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# **Color**

**Hex(4EB6F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB6F6
RGB	78, 182, 246
RGB Percent	31%, 71%, 96%
CMY	0.6941, 0.2863, 0.0353
CMYK	0.68, 0.26, 0.00, 0.04
HSL	203°, 90%, 64%
HSV	203°, 68%, 96%
XYZ	36.5044, 41.7294, 93.3194
YIQ	158.2000, -82.5280, -2.1440

# Conversions

## Conversions Part 2

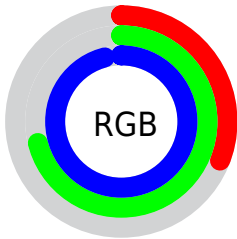
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	78, 142, 246
Decimal	5158646
CIE Lab	70.68, -10.19, -40.52
CIE LCh	71, 41.784, 255.881
Yxy	41.7294, 0.2128, 0.2432
Android (android.graphics.Color)	4283348726 (0xFF4EB6F6)
YUV	158.2000, 43.2854, -70.3354
Hunter-Lab	64.5983, -12.1770, -40.4321

# Details

The Hex color **4EB6F6** 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 **F68E4E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **90EEFF**, and **0081BD** is the 20% darker color. If you saturate the color by 10%, you get **35ADF6**, and if you desaturate by 10%, it is **67BFF6**.

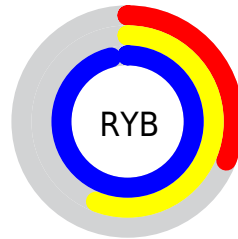
# Distribution



Red (31%)

Green (71%)

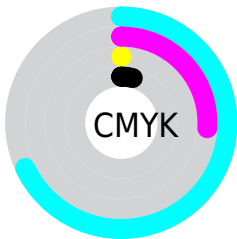
Blue (96%)



Red (31%)

Yellow (56%)

Blue (96%)

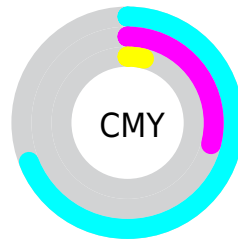


Cyan (68%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (29%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB6F6 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 4EB6F6 by changing the saturation by 10% instead.



 4EB6F6

 4EB6F6

FFFFFF

 229BD9

 90EEFF

 0081BD

 AEFFFF

 0068A2

 CDFFFF

 005088

 ECFFFF

 003A6E

 002455

 000B3E

 000327

 000110

■ 4EB6F6

■ 4EB6F6

■ 35ADF6

■ 67BFF6

■ 1DA3F6

■ 7FC9F6

■ 049AF6

■ 98D2F6

■ 0098F6

■ B0DBF6

■ C9E5F6

■ E2EEF6

■ FAF8F6

■ FFFFF6

# Harmonies

## Analogous

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



00BEE2



4EB6F6



95AAF6

# Triad

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



4EB6F6



F78F9A



86BA77

# Complementary

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



4EB6F6



F68E4E

# 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.



B1B162



4EB6F6



EE9778

# Square

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



4EB6F6



EB91C1



D5A463



53C099

# Rectangle

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



4EB6F6



BBA0EB



D5A463



95B86E

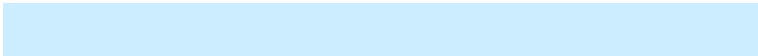


# Sweetspot

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



4EB6F6



CCECFE



4EF68C



617480



000000



808080



# Same Dimension

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



4EB6F6



2EAFFF



4E64F6



6E767A



0073BA



00243B



# Inverse Universe

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



F64EB6



FF2EAF



F6E04E



7A6E76



BA0073

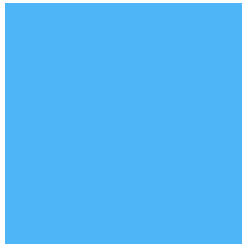


3B0024



# Previews

## White Background



This preview shows how the Hex color 4EB6F6 looks on a white background.

## Color Contrast Check

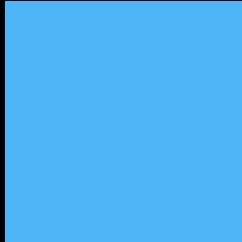
Large Text (above 18pt) WCAG AA × Fail

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 4EB6F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

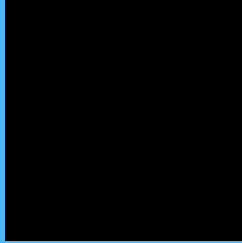
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

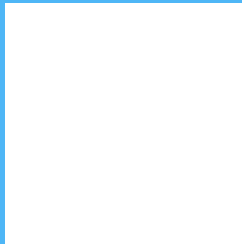
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4EB6F6 Background



This preview shows how black text looks on a background with the Hex color 4EB6F6.



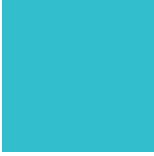
This preview shows how white text looks on a background with the Hex color 4EB6F6.

# 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**  
33BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB6F6 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 #4EB6F6 looks like.

```
.text, #text, p{  
    color:#4EB6F6  
}
```

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 #4EB6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB6F6  
}
```

## Border

The CSS property to change the border of an element to Hex 4EB6F6 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  
#4EB6F6 }
```

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

```
.border{ border-color:#4EB6F6 }
```

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

Here you see how a box with a 4 pixel #4EB6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB6F6; -webkit-box-shadow:4px 4px  
4px 4px #4EB6F6; box-shadow:4px 4px 4px  
4px #4EB6F6 }
```

# Background

The CSS property to change the background color of an element to Hex 4EB6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB6F6 }
```

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

```
.background{ background-color:#4EB6F6 }
```

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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