

# Converting Colors

Hex(4BBEFE)

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

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# **Color**

**Hex(4BBEFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BBEFE
RGB	75, 190, 254
RGB Percent	29%, 75%, 100%
CMY	0.7059, 0.2549, 0.0039
CMYK	0.70, 0.25, 0.00, 0.00
HSL	201°, 99%, 65%
HSV	201°, 70%, 100%
XYZ	39.2045, 45.4785, 100.4779
YIQ	162.9110, -89.0840, -4.4760

# Conversions

## Conversions Part 2

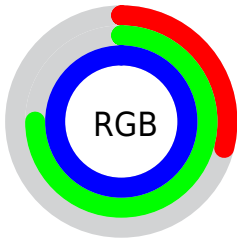
Format	Color
<a href="#">RYB</a>	75, 145, 254
Decimal	4964094
CIELab	73.21, -12.31, -40.91
CIElCh	73, 42.725, 253.249
Yxy	45.4785, 0.2117, 0.2456
Android (android.graphics.Color)	4283154174 (0xFF4BBEFE)
YUV	162.9110, 44.9069, -77.0979
Hunter-Lab	67.4378, -14.2463, -41.1318

# Details

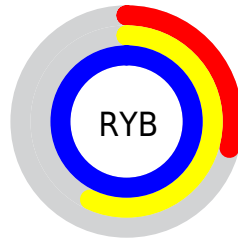
The Hex color **4BBEFE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE8B4B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8FF6FF**, and **0089C5** is the 20% darker color. If you saturate the color by 10%, you get **32B5FE**, and if you desaturate by 10%, it is **64C7FE**.

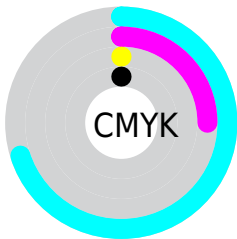
# Distribution



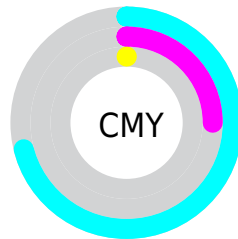
- Red (29%)
- Green (75%)
- Blue (100%)



- Red (29%)
- Yellow (57%)
- Blue (100%)



- Cyan (70%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 4BBEFE

 4BBEFE

FFFFFF

 19A3E1

 8FF6FF

 0089C5

 AEFFFF

 006FAA

 CDFFFF

 00578F

 ECFFFF

 004075

 002A5C

 001744

 00032D

 000117

 4BBEFE

 4BBEFE

 32B5FE

 64C7FE

 18ACFE

 7ED0FE

 00A3FE

 97D9FE

 B1E2FE

 CAEBFE

 E3F4FE

 FDFEFE

FFFFFFE

# Harmonies

## Analogous

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



00C6E8



4BBEFE



96B2FF

# Triad

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



4BBEFE



FF95A4



90C179

# Complementary

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



4BBEFE



FE8B4B

# 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.



BCB766



4BBEFE



F89D80

# Square

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



4BBEFE



F298CB



E0AA69



5CC79C

# Rectangle

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



4BBEFE



BDA8F5



E0AA69



A0BE71

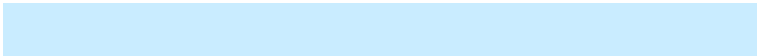


# Sweetspot

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



4BBEFE



C9ECFF



4BFE8A



607480



000000



808080



# Same Dimension

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



4BBEFE



26B2FF



4B66FE



737B80



007BBF



002940



# Inverse Universe

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



FE4BBE



FF26B2



FEE34B



80737B



BF007B

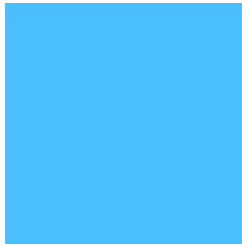


400029



# Previews

## White Background



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

## Color Contrast Check

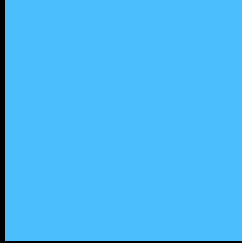
Large Text (above 18pt) WCAG AA × Fail

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 4BBEFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

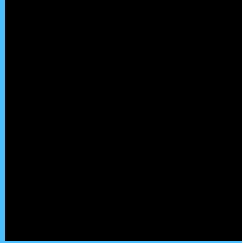
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

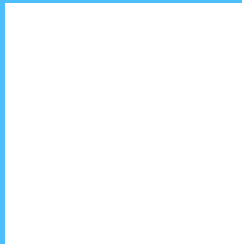
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BBEFE Background



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

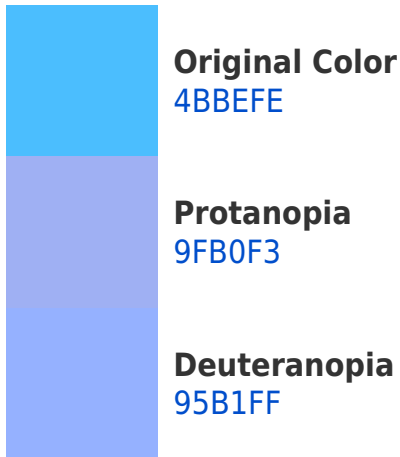


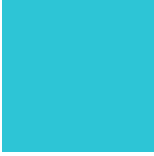
This preview shows how white text looks on a background with the Hex color 4BBEFE.

# 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](#).

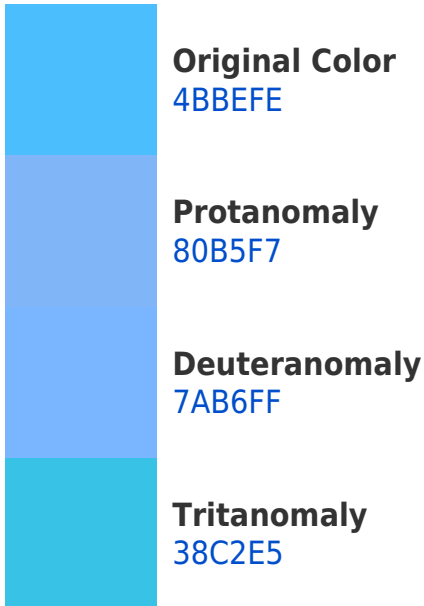
## Dichromacy



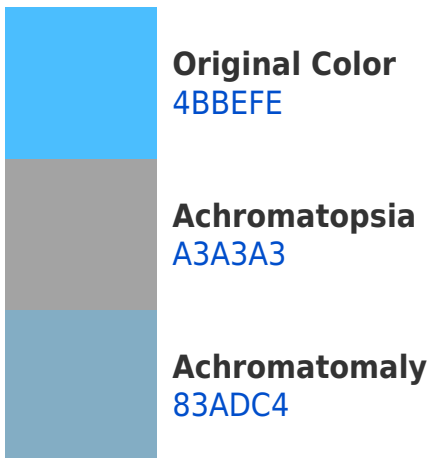


**Tritanopia**  
2DC5D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4BBEFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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