

Converting Colors

Hex(4BB2FD)

Have a look what the booklet for
Hex(4BB2FD) contains.

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Color

Hex(4BB2FD)

Conversions

Conversions Part 1

Format	Color
Hex	4BB2FD
RGB	75, 178, 253
RGB Percent	29%, 70%, 99%
CMY	0.7059, 0.3020, 0.0078
CMYK	0.70, 0.30, 0.00, 0.01
HSL	205°, 98%, 64%
HSV	205°, 70%, 99%
XYZ	36.5517, 40.4285, 98.8055
YIQ	155.7530, -85.4630, 1.4890

Conversions

Conversions Part 2

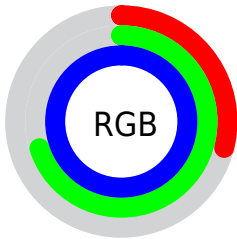
Format	Color
RYB	75, 140, 253
Decimal	4961021
CIELab	69.77, -6.11, -45.74
CIELCh	70, 46.150, 262.390
Yxy	40.4285, 0.2079, 0.2300
Android (android.graphics.Color)	4283151101 (0xFF4BB2FD)
YUV	155.7530, 47.9428, -70.8204
Hunter-Lab	63.5834, -8.6581, -47.6254

Details

The Hex color **4BB2FD** 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 **FD964B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8EE9FF**, and **007EC4** is the 20% darker color. If you saturate the color by 10%, you get **32A7FD**, and if you desaturate by 10%, it is **64BDFD**.

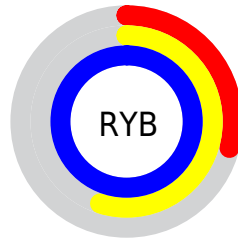
Distribution



Red (29%)

Green (70%)

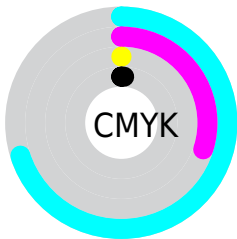
Blue (99%)



Red (29%)

Yellow (55%)

Blue (99%)

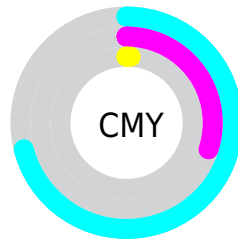


Cyan (70%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (71%)

Magenta (30%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB2FD 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 4BB2FD by changing the saturation by 10% instead.

 4BB2FD

 4BB2FD

FFFFFF

 1A97E0

 8EE9FF

 007EC4

 ADFFFF

 0065A8

 CCFFFF

 004D8E

 EBFFFF

 003774

 00225B

 000743

 00032C

 000116

 4BB2FD

 4BB2FD

 32A7FD

 64BDFD

 189DFD

 7EC7FD

 0092FD

 97D2FD

 B0DDFD

 CAE7FD

 E3F2FD

 FCFDFD

FFFFFD

Harmonies

Analogous

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



00BCEC



4BB2FD



9EA4F8

Triad

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



4BB2FD



FA8A8D



74BB76

Complementary

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



4BB2FD



FD964B

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.



A5B25B



4BB2FD



EC956A

Square

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



4BB2FD



F389B7



CEA456



2ABF9E

Rectangle

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



4BB2FD



C599E9



CEA456



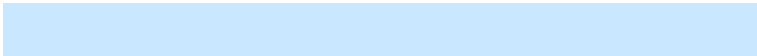
85B86B

Sweetspot

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



4BB2FD



C9E8FF



4BFD95



607280



000000



808080

Same Dimension

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



4BB2FD



29A5FF



4B5AFD



737A80



006FBF



002540

Inverse Universe

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



FD4BB2



FF29A5



FDEE4B



80737A



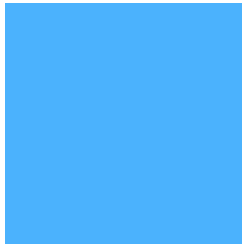
BF006F



400025

Previews

White Background



This preview shows how the Hex color 4BB2FD looks on a white background.

Color Contrast Check

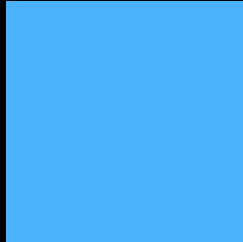
Large Text (above 18pt) WCAG AA × Fail

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 4BB2FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

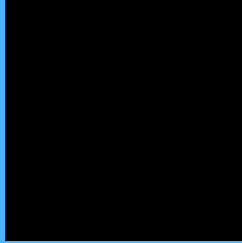
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

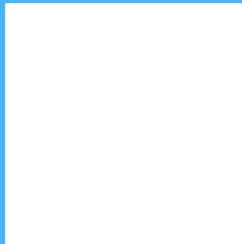
Any Text WCAG AAA ✓ Pass

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

Hex 4BB2FD Background



This preview shows how black text looks on a background with the Hex color 4BB2FD.

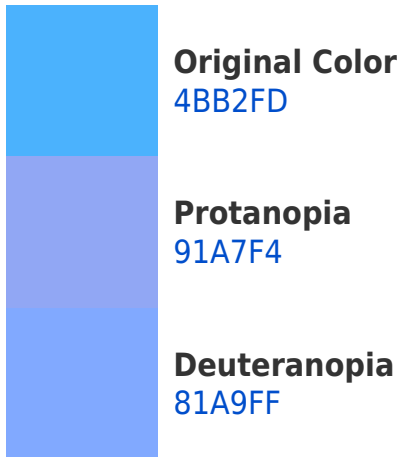


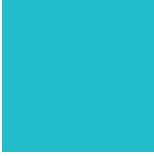
This preview shows how white text looks on a background with the Hex color 4BB2FD.

Color Blindness Simulation

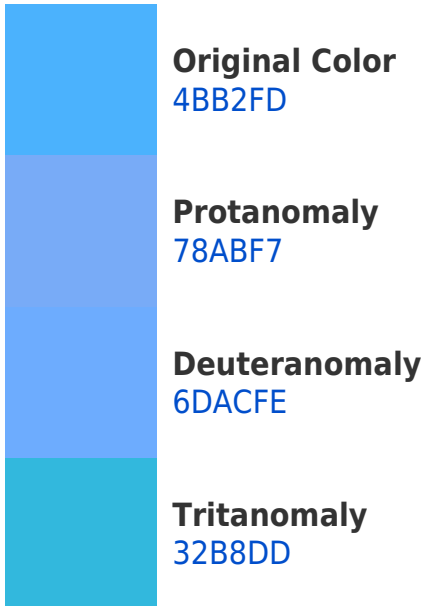
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

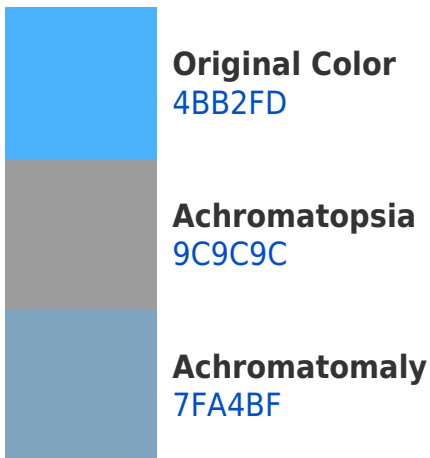




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB2FD 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 #4BB2FD looks like.

```
.text, #text, p{  
    color:#4BB2FD  
}
```

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 #4BB2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB2FD
}
```

Border

The CSS property to change the border of an element to Hex 4BB2FD 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
#4BB2FD }
```

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

```
.border{ border-color:#4BB2FD }
```

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

Here you see how a box with a 4 pixel #4BB2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB2FD; -webkit-box-shadow:4px 4px  
4px 4px #4BB2FD; box-shadow:4px 4px 4px  
4px #4BB2FD }
```

Background

The CSS property to change the background color of an element to Hex 4BB2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB2FD }
```

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

```
.background{ background-color:#4BB2FD }
```

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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