

Converting Colors

Hex(4B8FB4)

Have a look what the booklet for
Hex(4B8FB4) contains.

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Color

Hex(4B8FB4)

Conversions

Conversions Part 1

Format	Color
Hex	4B8FB4
RGB	75, 143, 180
RGB Percent	29%, 56%, 71%
CMY	0.7059, 0.4392, 0.2941
CMYK	0.58, 0.21, 0.00, 0.29
HSL	201°, 41%, 50%
HSV	201°, 58%, 71%
XYZ	20.9623, 24.4361, 46.7918
YIQ	126.8860, -52.4050, -2.9090

Conversions

Conversions Part 2

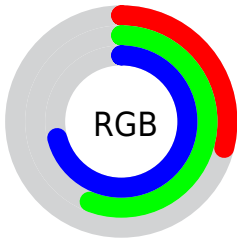
Format	Color
R_{YB}	75, 116, 180
Decimal	4951988
CIE _{Lab}	56.52, -10.50, -25.89
CIE _{LCh}	57, 27.939, 247.918
Yxy	24.4361, 0.2274, 0.2651
Android (android.graphics.Color)	4283142068 (0xFF4B8FB4)
YUV	126.8860, 26.1852, -45.5040
Hunter-Lab	49.4328, -10.8134, -21.5193

Details

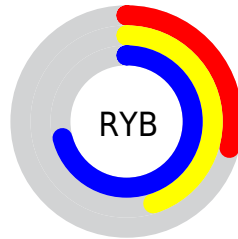
The Hex color **4B8FB4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B4704B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **84C5EC**, and **005D7F** is the 20% darker color. If you saturate the color by 10%, you get **3989B4**, and if you desaturate by 10%, it is **5D95B4**.

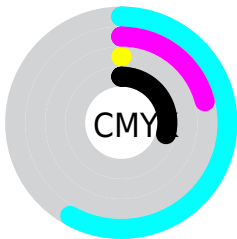
Distribution



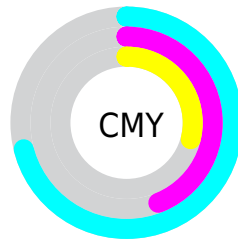
- Red (29%)
- Green (56%)
- Blue (71%)



- Red (29%)
- Yellow (45%)
- Blue (71%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8FB4 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 4B8FB4 by changing the saturation by 10% instead.



4B8FB4



4B8FB4

FFFFFF



2C7599



84C5EC



005D7F



A0E1FF



004566



BDFDFF



002F4E



DAFFFF



001B37



F8FFFF



000221



000006



000000



4B8FB4



4B8FB4

■ 3989B4

■ 5D95B4

■ 2782B4

■ 6F9CB4

■ 157CB4

■ 81A2B4

■ 0376B4

■ 93A8B4

■ 0075B4

■ A5AFB4

■ B7B5B4

■ C9BBB4

■ DBC2B4

■ EDC8B4

Harmonies

Analogous

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



3393A5



4B8FB4



7088B7

Triad

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



4B8FB4



B77582



778F61

Complementary

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



4B8FB4



B4704B

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.



928857



4B8FB4



B5786B

Square

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



4B8FB4



AC789A



A8805B



5A9375

Rectangle

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



4B8FB4



8882B2



A8805B



818D5C

Sweetspot

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



4B8FB4



C0DCEB



4BB470



5B6C75



F5F5F5



757575

Same Dimension

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



4B8FB4



46B1EB



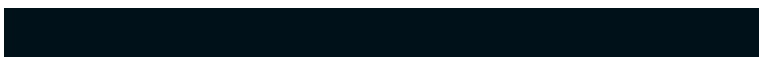
4B5BB4



505659



006399



00111A

Inverse Universe

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



B44B8F



EB46B1



B4A44B



595056



990063



1A0011

Previews

White Background



This preview shows how the Hex color 4B8FB4 looks on a white background.

Color Contrast Check

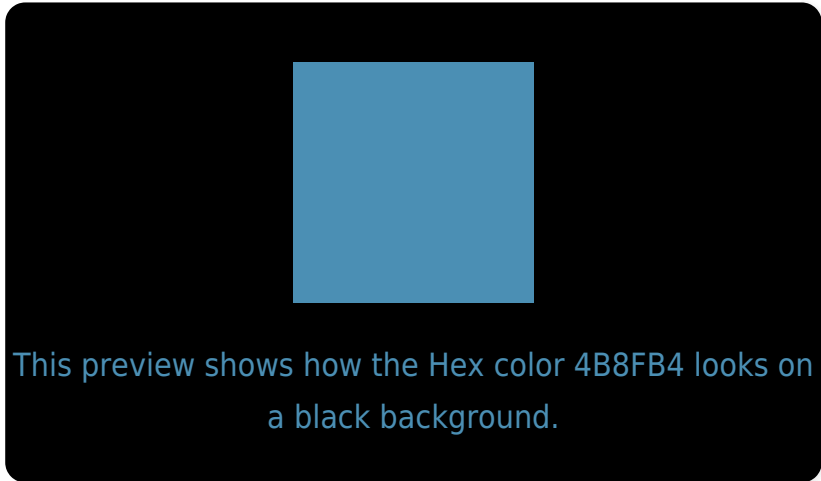
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

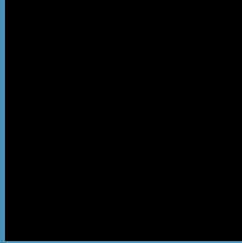
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4B8FB4 Background



This preview shows how black text looks on a background with the Hex color 4B8FB4.

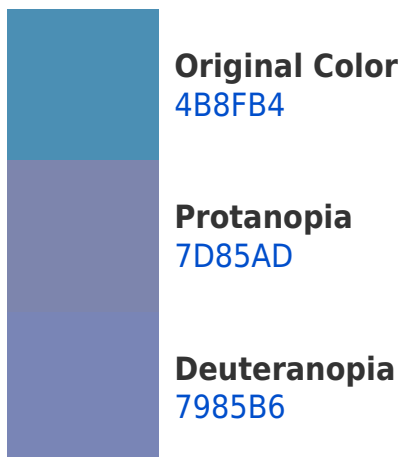



This preview shows how white text looks on a background with the Hex color 4B8FB4.

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



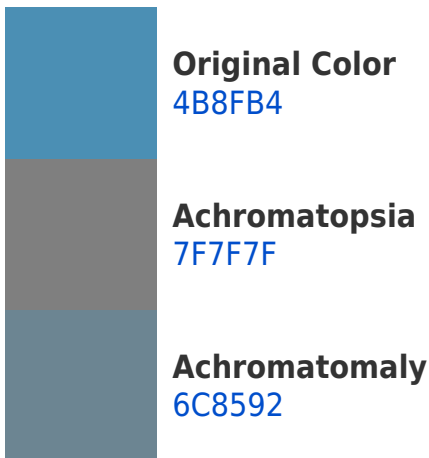


Tritanopia
42939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8FB4 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 #4B8FB4 looks like.

```
.text, #text, p{  
    color:#4B8FB4  
}
```

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 #4B8FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8FB4
}
```

Border

The CSS property to change the border of an element to Hex 4B8FB4 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
#4B8FB4 }
```

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

```
.border{ border-color:#4B8FB4 }
```

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

Here you see how a box with a 4 pixel #4B8FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8FB4; -webkit-box-shadow:4px 4px  
4px 4px #4B8FB4; box-shadow:4px 4px 4px  
4px #4B8FB4 }
```

Background

The CSS property to change the background color of an element to Hex 4B8FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8FB4 }
```

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

```
.background{ background-color:#4B8FB4 }
```

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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