

# Converting Colors

Hex(4B8FBB)

Have a look what the booklet for  
Hex(4B8FBB) contains.

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# Color

**Hex(4B8FBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8FBB
RGB	75, 143, 187
RGB Percent	29%, 56%, 73%
CMY	0.7059, 0.4392, 0.2667
CMYK	0.60, 0.24, 0.00, 0.27
HSL	204°, 45%, 51%
HSV	204°, 60%, 73%
XYZ	21.6938, 24.7286, 50.6434
YIQ	127.6840, -54.6520, -0.7320

# Conversions

## Conversions Part 2

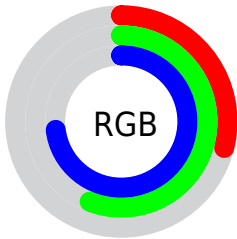
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 117, 187
Decimal	4951995
CIE Lab	56.81, -8.27, -29.42
CIE LCh	57, 30.565, 254.297
Yxy	24.7286, 0.2235, 0.2548
Android (android.graphics.Color)	4283142075 (0xFF4B8FBB)
YUV	127.6840, 29.2428, -46.2039
Hunter-Lab	49.7279, -9.1533, -25.5721

# Details

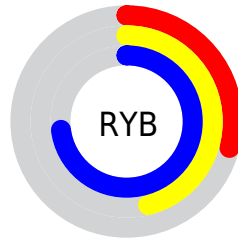
The Hex color **4B8FBB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB774B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **85C5F3**, and **005D86** is the 20% darker color. If you saturate the color by 10%, you get **3888BB**, and if you desaturate by 10%, it is **5E96BB**.

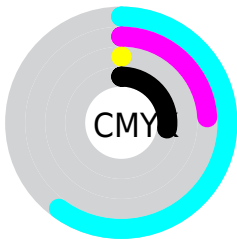
# Distribution



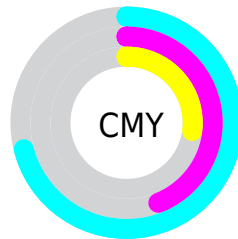
- Red (29%)
- Green (56%)
- Blue (73%)



- Red (29%)
- Yellow (46%)
- Blue (73%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (44%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8FBB 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 4B8FBB by changing the saturation by 10% instead.



■ 4B8FBB

■ 4B8FBB

FFFFFF

■ 2B75A0

■ 85C5F3

■ 005D86

■ A1E1FF

■ 00456C

■ BEFDFF

■ 002F54

■ DBFFFF

■ 001B3C

■ F9FFFF

■ 000326

■ 00010F

■ 000000

■ 4B8FBB

■ 4B8FBB

■ 3888BB

■ 5E96BB

■ 2680BB

■ 709EBB

■ 1379BB

■ 83A5BB

■ 0072BB

■ 96ACBB

■ A9B4BB

■ BBBBBB

■ CEC2BB

■ E1CABB

■ F3D1BB

# Harmonies

## Analogous

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



2495AD



4B8FBB



7787BC

# Triad

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



4B8FBB



BD747C



709261

# Complementary

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



4B8FBB



BB774B

# 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.



8D8B54



4B8FBB



B77964

# Square

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



4B8FBB



B47597



A68255



4F9679

# Rectangle

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



4B8FBB



9180B4



A68255



7A905B



# Sweetspot

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



4B8FBB



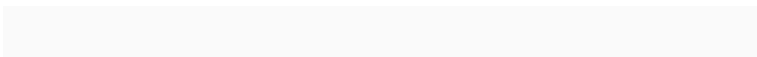
C7E1F2



4BBB76



5F707A



FAFAFA



7A7A7A



# Same Dimension

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



4B8FBB



44AEF2



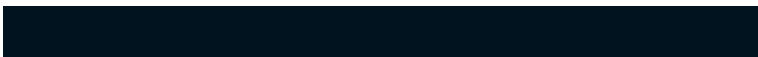
4B58BB



555B5E



00609E



00131F



# Inverse Universe

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



BB4B8F



F244AE



BBAE4B



5E555B



9E0060



1F0013



# Previews

## White Background



This preview shows how the Hex color 4B8FBB looks on a white background.

## Color Contrast Check

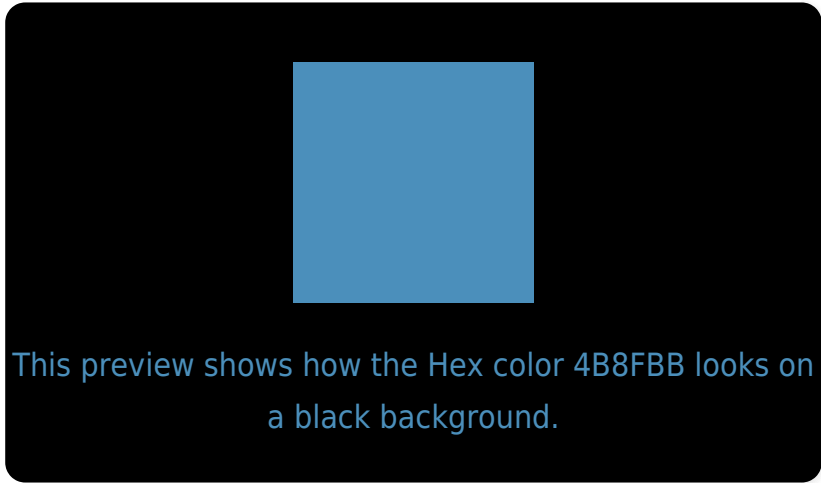
Large Text (above 18pt) WCAG AA ✓ Pass

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

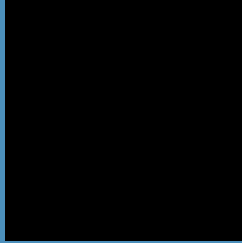
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

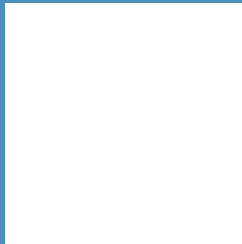
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B8FBB Background



This preview shows how black text looks on a background with the Hex color 4B8FBB.

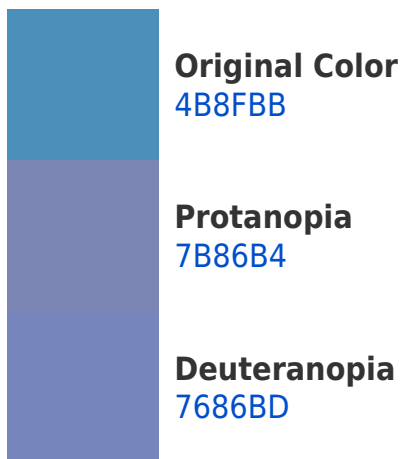


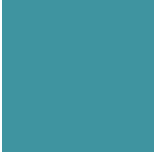
This preview shows how white text looks on a background with the Hex color 4B8FBB.

# 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



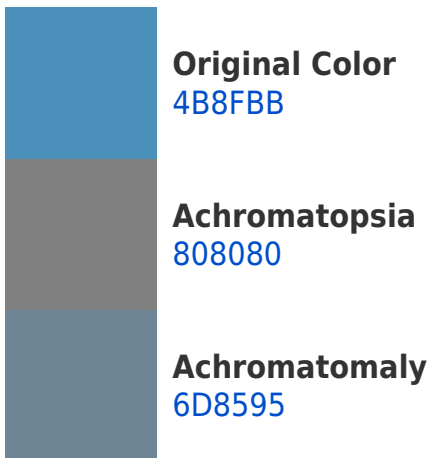


**Tritanopia**  
3F94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8FBB 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 #4B8FBB looks like.

```
.text, #text, p{  
    color:#4B8FBB  
}
```

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 #4B8FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8FBB
}
```

## Border

The CSS property to change the border of an element to Hex 4B8FBB 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
#4B8FBB }
```

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

```
.border{ border-color:#4B8FBB }
```

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

Here you see how a box with a 4 pixel #4B8FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8FBB; -webkit-box-shadow:4px 4px  
4px 4px #4B8FBB; box-shadow:4px 4px 4px  
4px #4B8FBB }
```

# Background

The CSS property to change the background color of an element to Hex 4B8FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8FBB }
```

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

```
.background{ background-color:#4B8FBB }
```

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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