

# Converting Colors

Hex(4B8ECF)

Have a look what the booklet for  
Hex(4B8ECF) contains.

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# Color

Hex(4B8ECF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8ECF
RGB	75, 142, 207
RGB Percent	29%, 56%, 81%
CMY	0.7059, 0.4431, 0.1882
CMYK	0.64, 0.31, 0.00, 0.19
HSL	210°, 58%, 55%
HSV	210°, 64%, 81%
XYZ	23.8371, 25.3469, 62.6676
YIQ	129.3770, -60.7970, 6.0110

# Conversions

## Conversions Part 2

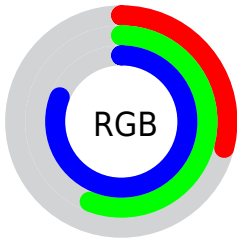
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 119, 207
Decimal	4951759
CIE <sub>Lab</sub>	57.41, -1.12, -39.79
CIE <sub>LCh</sub>	57, 39.807, 268.392
Yxy	25.3469, 0.2131, 0.2266
Android (android.graphics.Color)	4283141839 (0xFF4B8ECF)
YUV	129.3770, 38.2681, -47.6886
Hunter-Lab	50.3457, -3.5906, -38.5590

# Details

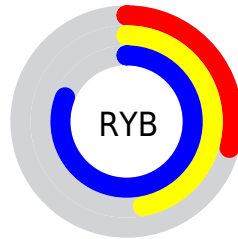
The Hex color **4B8ECF** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CF8C4B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **87C3FF**, and **005C98** is the 20% darker color. If you saturate the color by 10%, you get **3684CF**, and if you desaturate by 10%, it is **6098CF**.

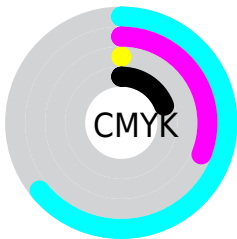
# Distribution



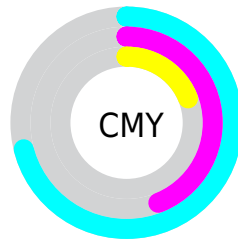
- Red (29%)
- Green (56%)
- Blue (81%)



- Red (29%)
- Yellow (47%)
- Blue (81%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (44%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8ECF 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 4B8ECF by changing the saturation by 10% instead.



 4B8ECF

 4B8ECF

FFFFFF

 2875B3

 87C3FF

 005C98

 A4DFFF

 00457E

 C2FCFF


 002F65

 DFFFFF

 001B4C

FEFFFF

 000535

 00021F

 000002

 000000

■ 4B8ECF

■ 4B8ECF

■ 3684CF

■ 6098CF

■ 227ACF

■ 74A2CF

■ 0D6FCF

■ 89ADCF

■ 0069CF

■ 9EB7CF

■ B3C1CF

■ C7CBCF

■ DCD5CF

■ F1E0CF

■ FFEACF

# Harmonies

## Analogous

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



0097C4



4B8ECF



8A82C7

# Triad

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



4B8ECF



CB706B



539864

# Complementary

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



4B8ECF



CF8C4B

# 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.



7E924B



4B8ECF



BC7B4F

# Square

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



4B8ECF



C96D8D



A18743



009C87

# Rectangle

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



4B8ECF



A879B8



A18743



62975A

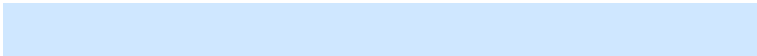


# Sweetspot

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



4B8ECF



CFE7FF



4BCF8B



627180



000000



808080



# Same Dimension

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



4B8ECF



3B9EFF



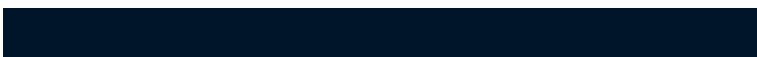
4B4DCF



5E6369



0055A8



001529



# Inverse Universe

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



CF4B8E



FF3B9E



CFCD4B



695E63



A80055



290015



# Previews

## White Background



This preview shows how the Hex color 4B8ECF looks on a white background.

## Color Contrast Check

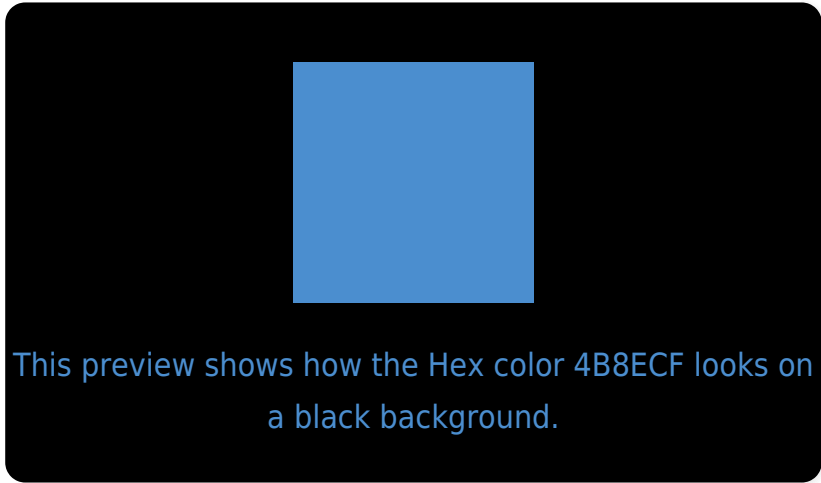
Large Text (above 18pt) WCAG AA ✓ Pass

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

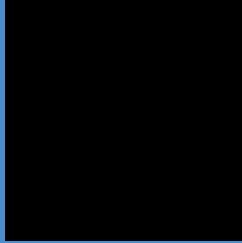
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B8ECF Background



This preview shows how black text looks on a background with the Hex color 4B8ECF.



This preview shows how white text looks on a background with the Hex color 4B8ECF.

# 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](#).

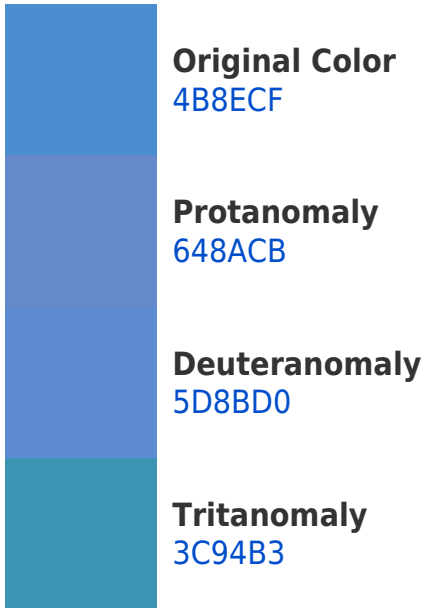
## Dichromacy





**Tritanopia**  
3497A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8ECF 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 #4B8ECF looks like.

```
.text, #text, p{  
    color:#4B8ECF  
}
```

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 #4B8ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8ECF
}
```

## Border

The CSS property to change the border of an element to Hex 4B8ECF 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
#4B8ECF }
```

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

```
.border{ border-color:#4B8ECF }
```

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

Here you see how a box with a 4 pixel #4B8ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8ECF; -webkit-box-shadow:4px 4px  
4px 4px #4B8ECF; box-shadow:4px 4px 4px  
4px #4B8ECF }
```

# Background

The CSS property to change the background color of an element to Hex 4B8ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8ECF }
```

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

```
.background{ background-color:#4B8ECF }
```

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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