

# Converting Colors

Hex(B8DAFB)

Have a look what the booklet for  
Hex(B8DAFB) contains.

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# **Color**

**Hex(B8DAFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DAFB
RGB	184, 218, 251
RGB Percent	72%, 85%, 98%
CMY	0.2784, 0.1451, 0.0157
CMYK	0.27, 0.13, 0.00, 0.02
HSL	210°, 89%, 85%
HSV	210°, 27%, 98%
XYZ	62.2512, 67.2982, 100.9757
YIQ	211.5960, -30.8570, 3.0550

# Conversions

## Conversions Part 2

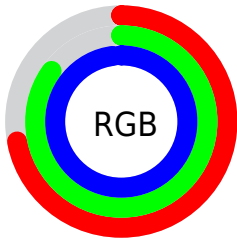
Format	Color
<b>RYB</b>	184, 207, 251
Decimal	12114683
CIELab	85.65, -3.95, -19.77
CIELCh	86, 20.161, 258.705
Yxy	67.2982, 0.2700, 0.2919
Android (android.graphics.Color)	4290304763 (0xFFB8DAFB)
YUV	211.5960, 19.4262, -24.2017
Hunter-Lab	82.0355, -8.1105, -15.5539

# Details

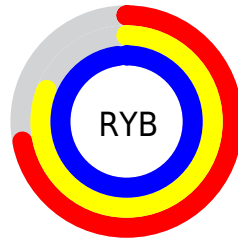
The Hex color **B8DAFB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FBD9B8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F1FFFF**, and **82A3C2** is the 20% darker color. If you saturate the color by 10%, you get **9FCEFB**, and if you desaturate by 10%, it is **D1E6FB**.

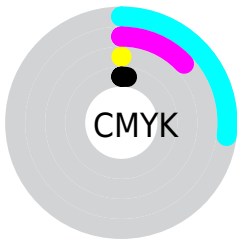
# Distribution



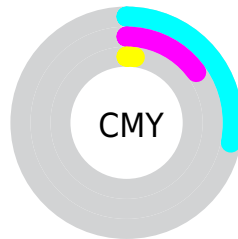
- Red (72%)
- Green (85%)
- Blue (98%)



- Red (72%)
- Yellow (81%)
- Blue (98%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (15%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DAFB 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 B8DAFB by changing the saturation by 10% instead.



 B8DAFB

FFFFFF

 F1FFFF

 B8DAFB

 9CBEDE

 82A3C2

 6789A7

 4E708D

 345773

 1A405A

 002A43

 00162D

 000118

 B8DAFB

 B8DAFB

 9FCEFB

 D1E6FB

 86C1FB

 EAF3FB

 6DB5FB

 FFFFFB

 54A9FB

 3B9CFB

 2190FB

 0883FB

 007FFB

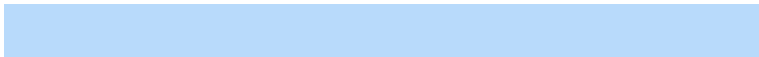
# Harmonies

## Analogous

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



A7DFF2



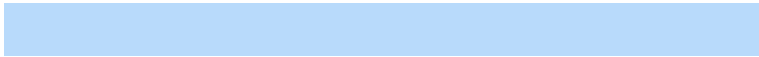
B8DAFB



D0D4FA

# Triad

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



B8DAFB



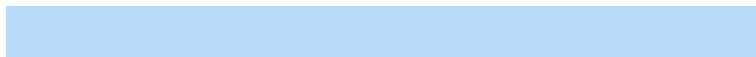
FEC9CB



C2DEBD

# Complementary

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



B8DAFB



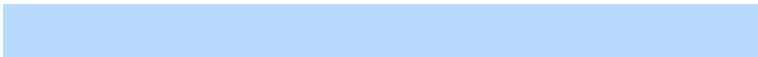
FBD9B8

# 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.



D8D9B2



B8DAFB



FACDBA

# Square

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



B8DAFB



F8CADE



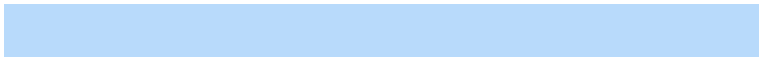
ECD2B1



AFE1CE

# Rectangle

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



B8DAFB



E1CFF4



ECD2B1

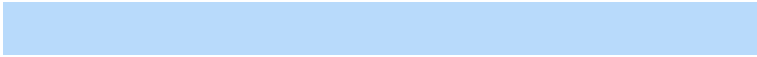


CADCB8

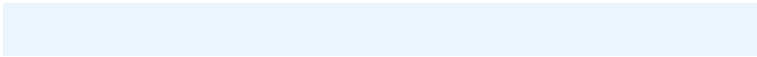


# Sweetspot

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



B8DAFB



EBF5FF



B8FBD8



737980



000000

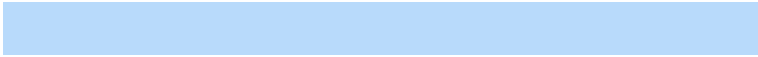


808080

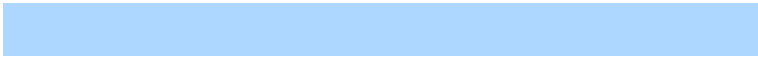


# Same Dimension

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



B8DAFB



ADD7FF



B8B9FB



70777D



0060BD



001F3D



# Inverse Universe

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



FBB8DA



FFADD7



FBFAB8



7D7077



BD0060

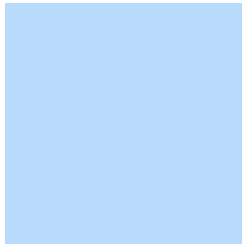


3D001F



# Previews

## White Background



This preview shows how the Hex color B8DAFB looks on a white background.

## Color Contrast Check

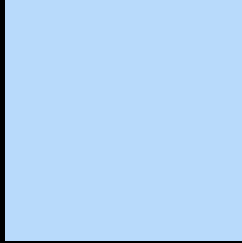
Large Text (above 18pt) WCAG AA × Fail

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 B8DAFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

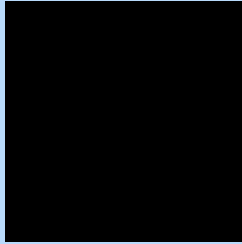
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

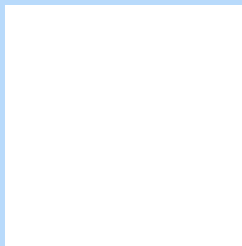
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8DAFB Background



This preview shows how black text looks on a background with the Hex color B8DAFB.

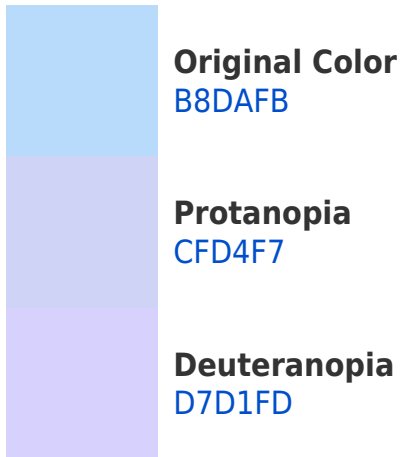


This preview shows how white text looks on a background with the Hex color B8DAFB.

# Color Blindness Simulation

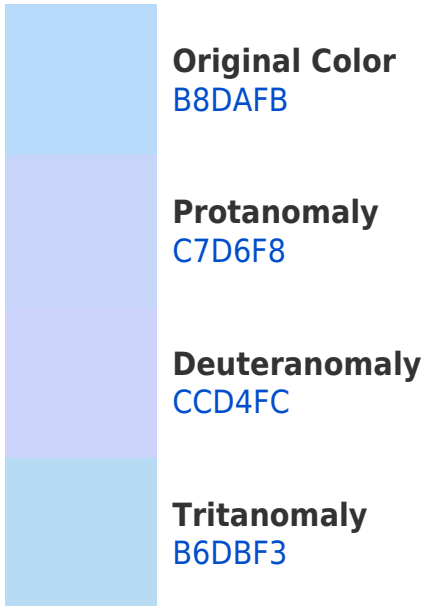
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

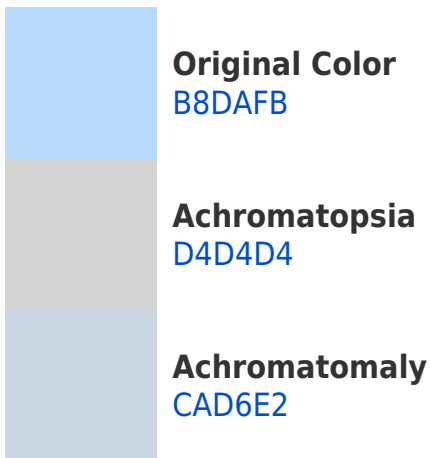




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DAFB 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 #B8DAFB looks like.

```
.text, #text, p{  
    color:#B8DAFB  
}
```

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 #B8DAFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DAFB
}
```

## Border

The CSS property to change the border of an element to Hex B8DAFB 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
#B8DAFB }
```

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

```
.border{ border-color:#B8DAFB }
```

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

Here you see how a box with a 4 pixel #B8DAFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DAFB; -webkit-box-shadow:4px 4px  
4px 4px #B8DAFB; box-shadow:4px 4px 4px  
4px #B8DAFB }
```

# Background

The CSS property to change the background color of an element to Hex B8DAFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DAFB }
```

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

```
.background{ background-color:#B8DAFB }
```

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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