

# Converting Colors

Hex(B5D0F8)

Have a look what the booklet for  
Hex(B5D0F8) contains.

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# **Color**

**Hex(B5D0F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D0F8
RGB	181, 208, 248
RGB Percent	71%, 82%, 97%
CMY	0.2902, 0.1843, 0.0275
CMYK	0.27, 0.16, 0.00, 0.03
HSL	216°, 83%, 84%
HSV	216°, 27%, 97%
XYZ	58.5552, 61.7128, 97.6325
YIQ	204.4870, -28.9320, 6.7160

# Conversions

## Conversions Part 2

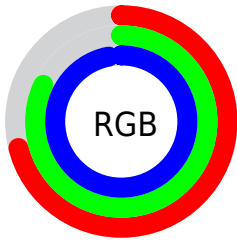
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 200, 248
Decimal	11915512
CIE Lab	82.76, -0.24, -22.58
CIE LCh	83, 22.584, 269.380
Yxy	61.7128, 0.2687, 0.2832
Android (android.graphics.Color)	4290105592 (0xFFB5D0F8)
YUV	204.4870, 21.4519, -20.5981
Hunter-Lab	78.5575, -4.4253, -18.6963

# Details

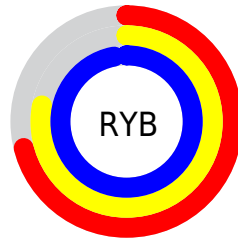
The Hex color **B5D0F8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8DDB5**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EEEEFF**, and **7F9AC0** is the 20% darker color. If you saturate the color by 10%, you get **9CC1F8**, and if you desaturate by 10%, it is **CEDFF8**.

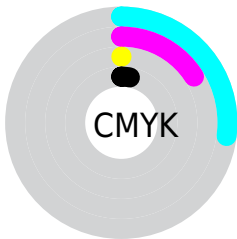
# Distribution



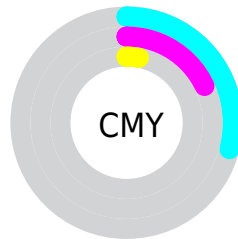
- Red (71%)
- Green (82%)
- Blue (97%)



- Red (71%)
- Yellow (78%)
- Blue (97%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (18%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D0F8 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 B5D0F8 by changing the saturation by 10% instead.



 B5D0F8

 B5D0F8

FFFFFF

 9AB4DB

 EEEFFF

 7F9AC0

 6580A4

 4B678A

 324F70

 173858

 002340

 000D2A

 000115

 B5D0F8

 B5D0F8

 9CC1F8

 CEDFF8

 83B2F8

 E7EEF8

 6BA4F8

 FFFCF8

 5295F8

 FFFFF8

 3986F8

 2077F8

 0768F8

 0064F8

# Harmonies

## Analogous

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



9DD6F2



B5D0F8



D1C9F3

# Triad

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



B5D0F8



FAC0BA



B0D8B8

# Complementary

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



B5D0F8



F8DDB5

# 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.



C8D3A9



B5D0F8



F1C5AA

# Square

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



B5D0F8



F8BFCF



DFCCA4



9CDACD

# Rectangle

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



B5D0F8



E2C4EA



DFCCA4



B7D7B2

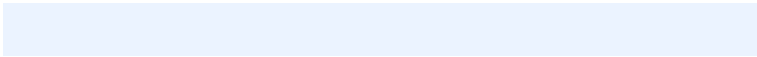


# Sweetspot

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



B5D0F8



EBF3FF



B5F8DC



737880



000000



808080



# Same Dimension

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



B5D0F8



ADCEFF



BBB5F8



70757D



004CBD



00193D



# Inverse Universe

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



F8B5D0



FFADCE



F2F8B5



7D7075



BD004C

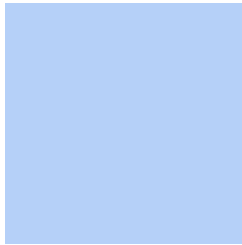


3D0019



# Previews

## White Background



This preview shows how the Hex color B5D0F8 looks on a white background.

## Color Contrast Check

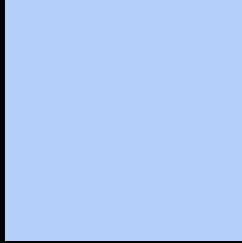
Large Text (above 18pt) WCAG AA × Fail

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 B5D0F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

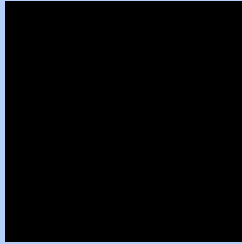
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

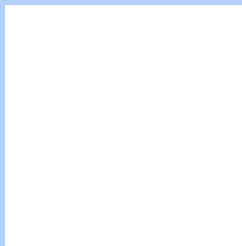
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D0F8 Background



This preview shows how black text looks on a background with the Hex color B5D0F8.

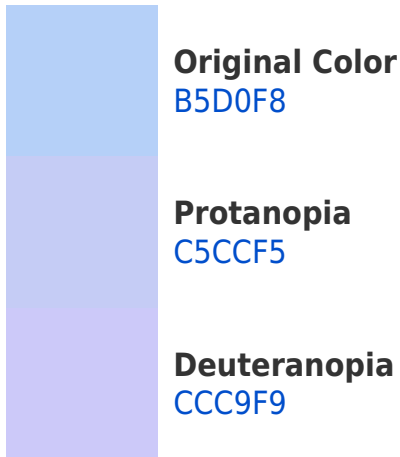


This preview shows how white text looks on a background with the Hex color B5D0F8.

# 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



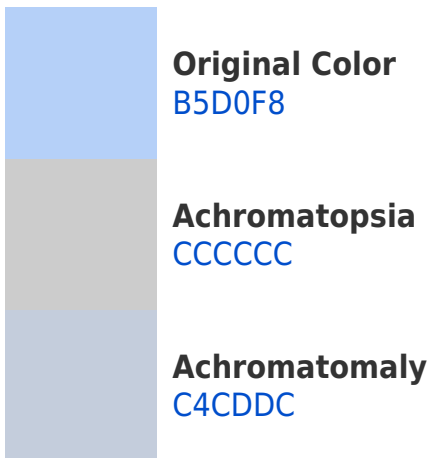


**Tritanopia**  
B1D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D0F8 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 #B5D0F8 looks like.

```
.text, #text, p{  
    color:#B5D0F8  
}
```

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 #B5D0F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D0F8
}
```

## Border

The CSS property to change the border of an element to Hex B5D0F8 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
#B5D0F8 }
```

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

```
.border{ border-color:#B5D0F8 }
```

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

Here you see how a box with a 4 pixel #B5D0F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D0F8; -webkit-box-shadow:4px 4px  
4px 4px #B5D0F8; box-shadow:4px 4px 4px  
4px #B5D0F8 }
```

# Background

The CSS property to change the background color of an element to Hex B5D0F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D0F8 }
```

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

```
.background{ background-color:#B5D0F8 }
```

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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