

Converting Colors

Hex(B1D8F3)

Have a look what the booklet for
Hex(B1D8F3) contains.

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Color

Hex(B1D8F3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B1D8F3 |
| RGB | 177, 216, 243 |
| RGB Percent | 69%, 85%, 95% |
| CMY | 0.3059, 0.1529, 0.0471 |
| CMYK | 0.27, 0.11, 0.00, 0.05 |
| HSL | 205°, 73%, 82% |
| HSV | 205°, 27%, 95% |
| XYZ | 58.8650, 64.9299, 94.2242 |
| YIQ | 207.4170, -31.9110, 0.1290 |

Conversions

Conversions Part 2

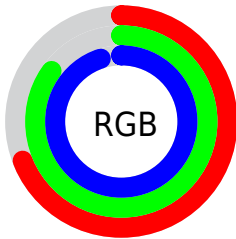
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 177, 202, 243 |
| Decimal | 11655411 |
| CIELab | 84.45, -6.77, -17.40 |
| CIELCh | 84, 18.673, 248.750 |
| Yxy | 64.9299, 0.2700, 0.2978 |
| Android (android.graphics.Color) | 4289845491 (0xFFB1D8F3) |
| YUV | 207.4170, 17.5424, -26.6757 |
| Hunter-Lab | 80.5791, -10.6148, -12.9247 |

Details

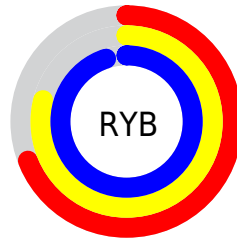
The Hex color **B1D8F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3CCB1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EAEFFF**, and **7BA1BB** is the 20% darker color. If you saturate the color by 10%, you get **99CEF3**, and if you desaturate by 10%, it is **C9E2F3**.

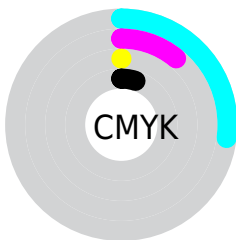
Distribution



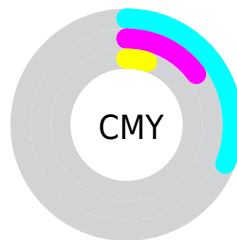
- Red (69%)
- Green (85%)
- Blue (95%)



- Red (69%)
- Yellow (79%)
- Blue (95%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D8F3 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 B1D8F3 by changing the saturation by 10% instead.

 B1D8F3

 B1D8F3

FFFFFF

 96BCD7

 EAFFFF

 7BA1BB

 6187A0

 476E86

 2E556C

 123E54

 00283D

 001427

 000111

 B1D8F3

 B1D8F3

 99CEF3

 C9E2F3

 80C4F3

 E2ECF3

 68BAF3

 FAF6F3

 50B0F3

 FFFFF3

 37A6F3

 1F9CF3

 0792F3

 0090F3

Harmonies

Analogous

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



A5DCE8



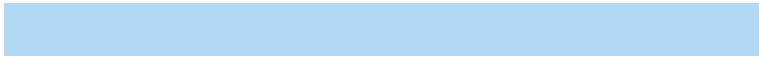
B1D8F3



C6D2F5

Triad

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



B1D8F3



F7C7CE



C7D8B7

Complementary

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



B1D8F3



F3CCB1

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.



DBD3B0



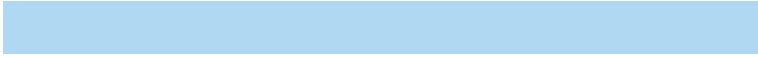
B1D8F3



F6C9BD

Square

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



B1D8F3



EEC8E0



ECCDB2



B4DCC5

Rectangle

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



B1D8F3



D5CEF2



ECCDB2



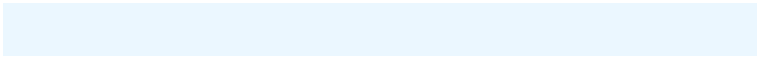
CED7B4

Sweetspot

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



B1D8F3



EBF7FF



B1F3CB



737A80



000000



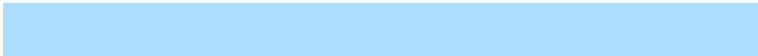
808080

Same Dimension

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



B1D8F3



ABDDFF



B1B8F3



6E757A



006EBA



00233B

Inverse Universe

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



F3B1D8



FFABDD



F3ECB1



7A6E75



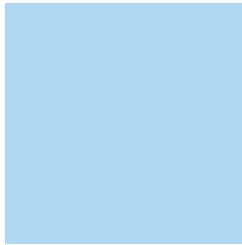
BA006E



3B0023

Previews

White Background



This preview shows how the Hex color B1D8F3 looks on a white background.

Color Contrast Check

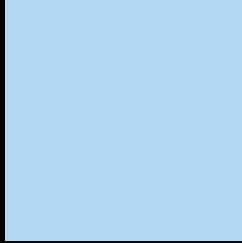
Large Text (above 18pt) WCAG AA × Fail

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 B1D8F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

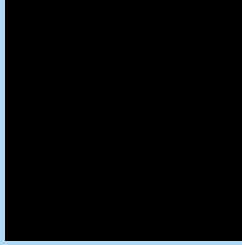
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

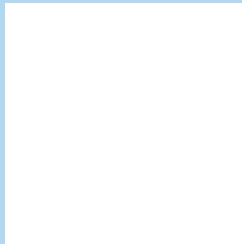
Any Text WCAG AAA ✓ Pass

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

Hex B1D8F3 Background



This preview shows how black text looks on a background with the Hex color B1D8F3.

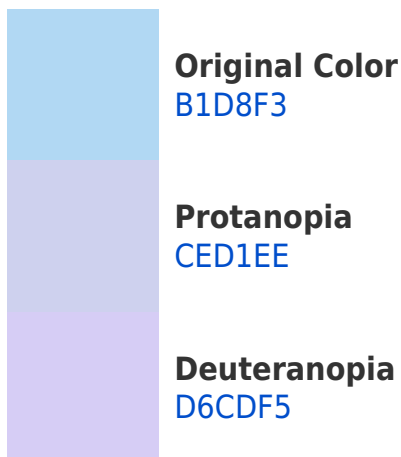


This preview shows how white text looks on a background with the Hex color B1D8F3.

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](#).

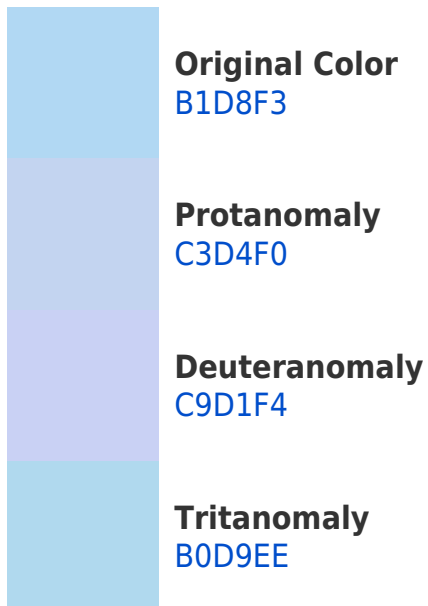
Dichromacy



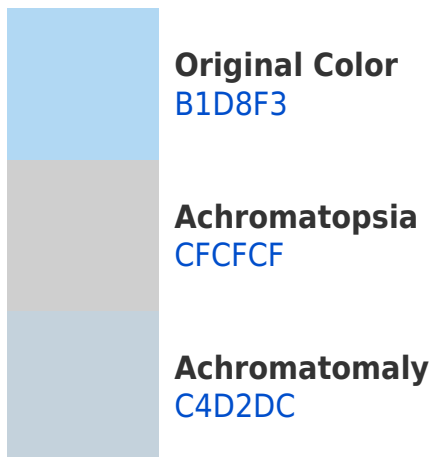


Tritanopia
AFD9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D8F3 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 #B1D8F3 looks like.

```
.text, #text, p{  
    color:#B1D8F3  
}
```

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 #B1D8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D8F3
}
```

Border

The CSS property to change the border of an element to Hex B1D8F3 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
#B1D8F3 }
```

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

```
.border{ border-color:#B1D8F3 }
```

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

Here you see how a box with a 4 pixel #B1D8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D8F3; -webkit-box-shadow:4px 4px  
4px 4px #B1D8F3; box-shadow:4px 4px 4px  
4px #B1D8F3 }
```

Background

The CSS property to change the background color of an element to Hex B1D8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D8F3 }
```

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

```
.background{ background-color:#B1D8F3 }
```

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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