

Converting Colors

Hex(B1D4F6)

Have a look what the booklet for
Hex(B1D4F6) contains.

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Color

Hex(B1D4F6)

Conversions

Conversions Part 1

Format	Color
Hex	B1D4F6
RGB	177, 212, 246
RGB Percent	69%, 83%, 96%
CMY	0.3059, 0.1686, 0.0353
CMYK	0.28, 0.14, 0.00, 0.04
HSL	210°, 79%, 83%
HSV	210°, 28%, 96%
XYZ	58.3095, 63.0879, 96.2927
YIQ	205.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

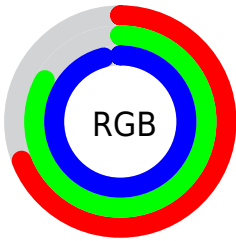
Format	Color
RYB	177, 200, 246
Decimal	11654390
CIELab	83.49, -3.98, -20.44
CIELCh	83, 20.825, 258.985
Yxy	63.0879, 0.2679, 0.2898
Android (android.graphics.Color)	4289844470 (0xFFB1D4F6)
YUV	205.4110, 20.0104, -24.9164
Hunter-Lab	79.4279, -7.9586, -16.2795

Details

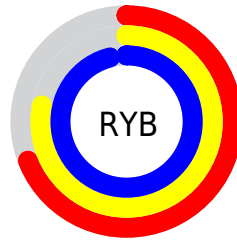
The Hex color **B1D4F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6D3B1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EAEAEAE**, and **7B9DBE** is the 20% darker color. If you saturate the color by 10%, you get **98C8F6**, and if you desaturate by 10%, it is **CAE0F6**.

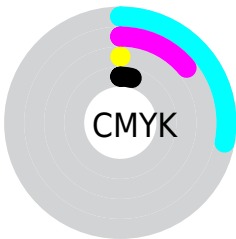
Distribution



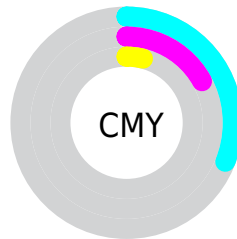
- Red (69%)
- Green (83%)
- Blue (96%)



- Red (69%)
- Yellow (78%)
- Blue (96%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D4F6 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 B1D4F6 by changing the saturation by 10% instead.

 B1D4F6

 B1D4F6

FFFFFF

 96B8D9


 EAFFFF

 7B9DBE

 6183A3

 476A88

 2D526F

 113B56

 00263F

 001129

 000114

 B1D4F6

 B1D4F6

 98C8F6

 CAE0F6

 80BCF6

 E2ECF6

 67B0F6

 FBF8F6

 4FA4F6

 FFFFF6

 3697F6

 1D8BF6

 057FF6

 007DF6

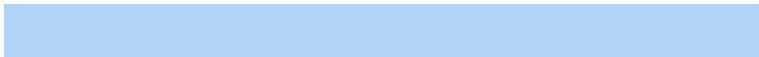
Harmonies

Analogous

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



9FD9ED



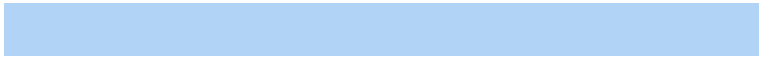
B1D4F6



CACEF5

Triad

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



B1D4F6



F9C3C4



BCD8B6

Complementary

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



B1D4F6



F6D3B1

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.



D2D3AB



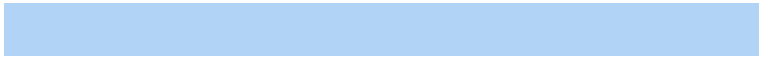
B1D4F6



F4C6B3

Square

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



B1D4F6



F3C3D8



E6CCAA



A8DBC8

Rectangle

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



B1D4F6



DBC9EF



E6CCAA



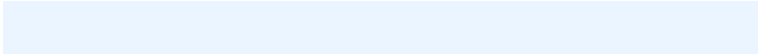
C3D6B1

Sweetspot

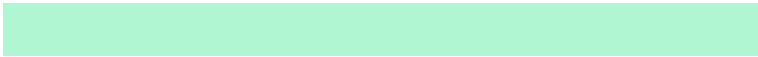
The Sweet Spot groups the original color and five complimentary colors.



B1D4F6



EBF5FF



B1F6D2



737980



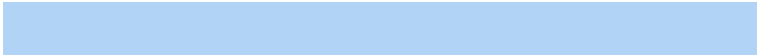
000000



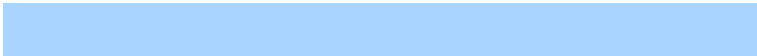
808080

Same Dimension

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



B1D4F6



A8D4FF



B1B2F6



6E747A



005EBA



001E3B

Inverse Universe

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



F6B1D4



FFA8D4



F6F5B1



7A6E74



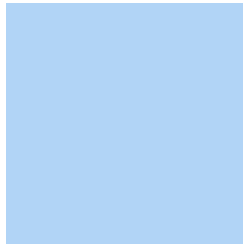
BA005E



3B001E

Previews

White Background



This preview shows how the Hex color B1D4F6 looks on a white background.

Color Contrast Check

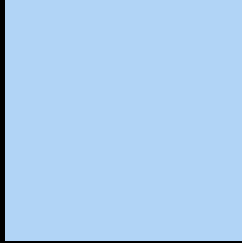
Large Text (above 18pt) WCAG AA × Fail

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 B1D4F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

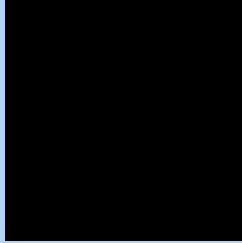
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

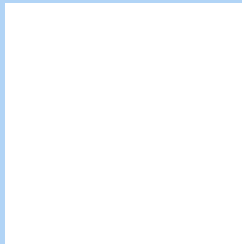
Any Text WCAG AAA ✓ Pass

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

Hex B1D4F6 Background



This preview shows how black text looks on a background with the Hex color B1D4F6.

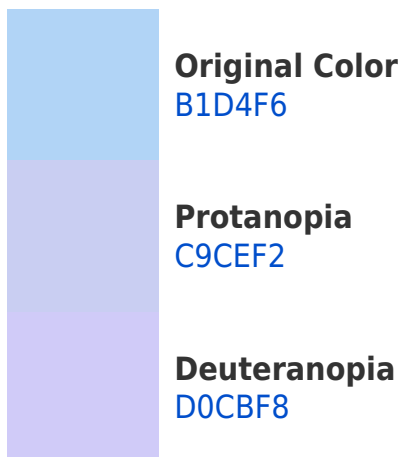


This preview shows how white text looks on a background with the Hex color B1D4F6.

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](#).

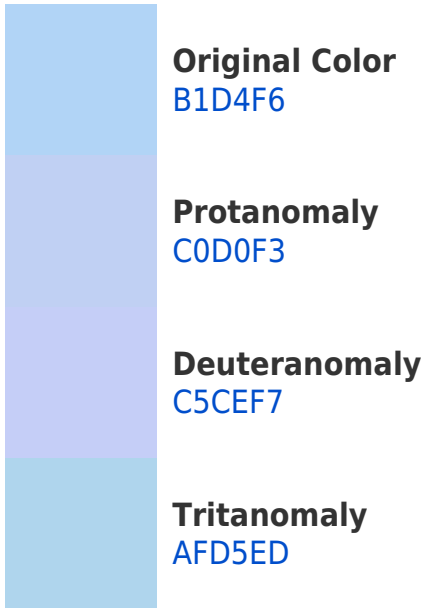
Dichromacy



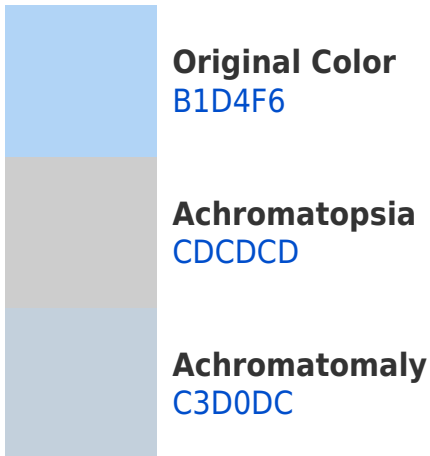


Tritanopia
AED6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D4F6 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 #B1D4F6 looks like.

```
.text, #text, p{  
    color:#B1D4F6  
}
```

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 #B1D4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D4F6
}
```

Border

The CSS property to change the border of an element to Hex B1D4F6 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
#B1D4F6 }
```

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

```
.border{ border-color:#B1D4F6 }
```

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

Here you see how a box with a 4 pixel #B1D4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D4F6; -webkit-box-shadow:4px 4px  
4px 4px #B1D4F6; box-shadow:4px 4px 4px  
4px #B1D4F6 }
```

Background

The CSS property to change the background color of an element to Hex B1D4F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D4F6 }
```

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

```
.background{ background-color:#B1D4F6 }
```

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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