

Converting Colors

Hex(B7D3F7)

Have a look what the booklet for
Hex(B7D3F7) contains.

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Color

Hex(B7D3F7)

Conversions

Conversions Part 1

Format	Color
Hex	B7D3F7
RGB	183, 211, 247
RGB Percent	72%, 83%, 97%
CMY	0.2824, 0.1725, 0.0314
CMYK	0.26, 0.15, 0.00, 0.03
HSL	214°, 80%, 84%
HSV	214°, 26%, 97%
XYZ	59.6112, 63.3712, 97.0857
YIQ	206.7320, -28.2440, 5.2600

Conversions

Conversions Part 2

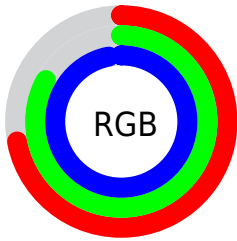
Format	Color
R_{YB}	183, 202, 247
Decimal	12047351
CIE _{Lab}	83.64, -1.48, -20.71
CIE _{LCh}	84, 20.763, 265.908
Yxy	63.3712, 0.2709, 0.2880
Android (android.graphics.Color)	4290237431 (0xFFB7D3F7)
YUV	206.7320, 19.8521, -20.8130
Hunter-Lab	79.6060, -5.6448, -16.5845

Details

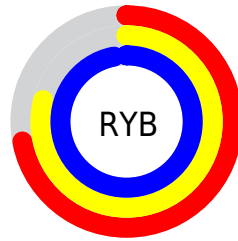
The Hex color **B7D3F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7DBB7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F0FFFF**, and **819DBF** is the 20% darker color. If you saturate the color by 10%, you get **9EC5F7**, and if you desaturate by 10%, it is **D0E1F7**.

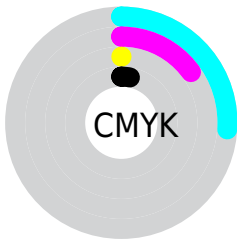
Distribution



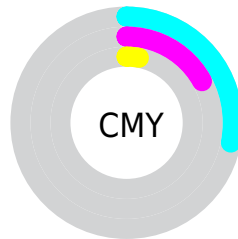
- Red (72%)
- Green (83%)
- Blue (97%)



- Red (72%)
- Yellow (79%)
- Blue (97%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (28%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D3F7 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 B7D3F7 by changing the saturation by 10% instead.


 B7D3F7

 B7D3F7

FFFFFF

 9CB7DA

 F0FFFF

 819DBF

 6783A3

 4D6989

 345170

 1A3B57

 002540

 00102A

 000114

 B7D3F7

 B7D3F7

 9EC5F7

 D0E1F7

 86B7F7

 E8EFF7

 6DA9F7

 FFFDF7

 549BF7

 FFFFF7

 3C8EF7

 2380F7

 0A72F7

 006CF7

Harmonies

Analogous

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



A3D8F0



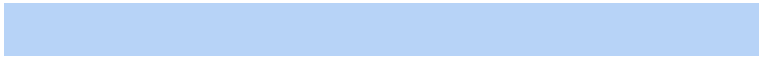
B7D3F7



D1CCF3

Triad

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



B7D3F7



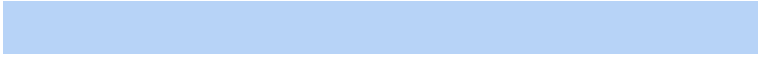
F9C4C0



B7D9BA

Complementary

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



B7D3F7



F7DDB7

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.



CDD4AD



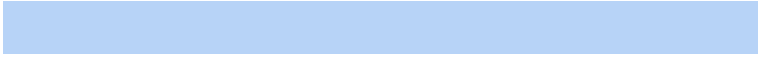
B7D3F7



F2C8B1

Square

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



B7D3F7



F6C3D4



E2CEAA



A4DCCD

Rectangle

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



B7D3F7



E1C8EC



E2CEAA



BED8B5

Sweetspot

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



B7D3F7



EBF4FF



B7F7DA



737880



000000



808080

Same Dimension

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



B7D3F7



B0D3FF



BAB7F7



6E747A



0051BA



001A3B

Inverse Universe

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



F7B7D3



FFB0D3



F4F7B7



7A6E74



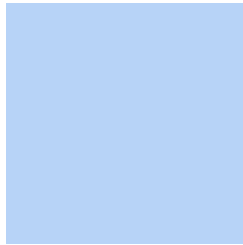
BA0051



3B001A

Previews

White Background



This preview shows how the Hex color B7D3F7 looks on a white background.

Color Contrast Check

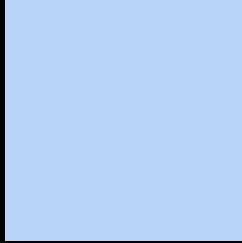
Large Text (above 18pt) WCAG AA × Fail

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 B7D3F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

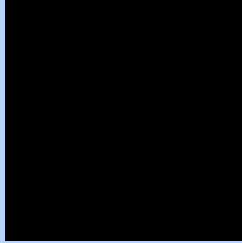
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

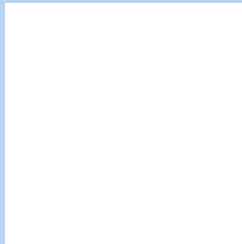
Any Text WCAG AAA ✓ Pass

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

Hex B7D3F7 Background



This preview shows how black text looks on a background with the Hex color B7D3F7.

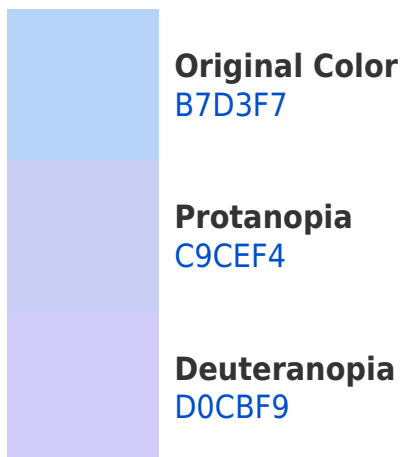


This preview shows how white text looks on a background with the Hex color B7D3F7.

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](#).

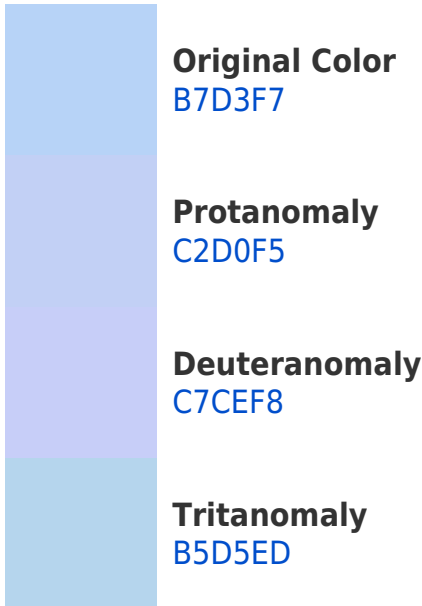
Dichromacy



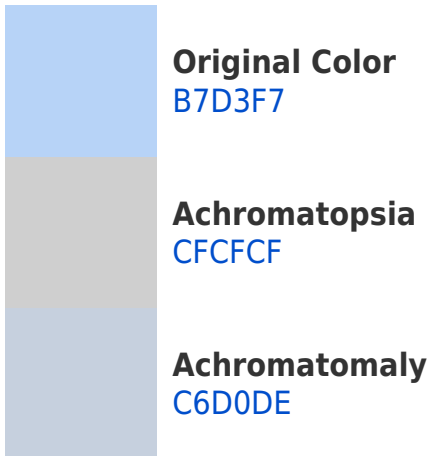


Tritanopia
B4D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7D3F7 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 #B7D3F7 looks like.

```
.text, #text, p{  
    color:#B7D3F7  
}
```

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 #B7D3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D3F7
}
```

Border

The CSS property to change the border of an element to Hex B7D3F7 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
#B7D3F7 }
```

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

```
.border{ border-color:#B7D3F7 }
```

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

Here you see how a box with a 4 pixel #B7D3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D3F7; -webkit-box-shadow:4px 4px  
4px 4px #B7D3F7; box-shadow:4px 4px 4px  
4px #B7D3F7 }
```

Background

The CSS property to change the background color of an element to Hex B7D3F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D3F7 }
```

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

```
.background{ background-color:#B7D3F7 }
```

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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