

Converting Colors

Hex(B5D3F9)

Have a look what the booklet for
Hex(B5D3F9) contains.

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Color

Hex(B5D3F9)

Conversions

Conversions Part 1

Format	Color
Hex	B5D3F9
RGB	181, 211, 249
RGB Percent	71%, 83%, 98%
CMY	0.2902, 0.1725, 0.0235
CMYK	0.27, 0.15, 0.00, 0.02
HSL	214°, 85%, 84%
HSV	214°, 27%, 98%
XYZ	59.4492, 63.2518, 98.6981
YIQ	206.3620, -30.0780, 5.4580

Conversions

Conversions Part 2

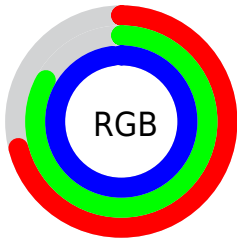
Format	Color
R _Y B	181, 202, 249
Decimal	11916281
CIE Lab	83.57, -1.60, -21.88
CIE LCh	84, 21.937, 265.818
Yxy	63.2518, 0.2685, 0.2857
Android (android.graphics.Color)	4290106361 (0xFFB5D3F9)
YUV	206.3620, 21.0205, -22.2425
Hunter-Lab	79.5310, -5.7511, -17.9072

Details

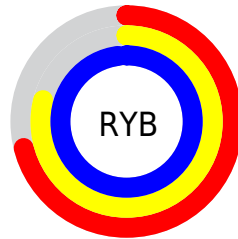
The Hex color **B5D3F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9DBB5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EEFFFF**, and **7F9DC0** is the 20% darker color. If you saturate the color by 10%, you get **9CC5F9**, and if you desaturate by 10%, it is **CEE1F9**.

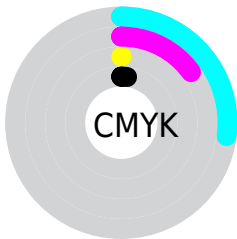
Distribution



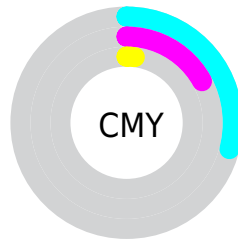
- Red (71%)
- Green (83%)
- Blue (98%)



- Red (71%)
- Yellow (79%)
- Blue (98%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D3F9 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 B5D3F9 by changing the saturation by 10% instead.

 B5D3F9

 B5D3F9

FFFFFF


 9AB7DC

 EEEFFF

 7F9DC0

 6483A5

 4B698B

 315171

 163B59

 002541

 00102B

 000116

 B5D3F9

 B5D3F9

 9CC5F9


 CEE1F9

 83B7F9

 E7EFF9

 6AA9F9

 FFFDF9

 519BF9

 FFFFF9

 398DF9

 2080F9

 0772F9

 006EF9

Harmonies

Analogous

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



9FD9F2



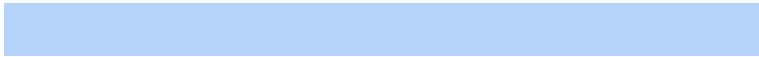
B5D3F9



D0CCF5

Triad

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



B5D3F9



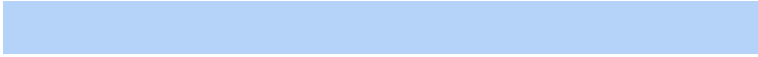
FBC3BF



B5DAB9

Complementary

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



B5D3F9



F9DBB5

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.



CDD4AB



B5D3F9



F4C7AF

Square

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



B5D3F9



F8C2D4



E3CEA7



A2DCCD

Rectangle

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



B5D3F9



E1C8ED



E3CEA7



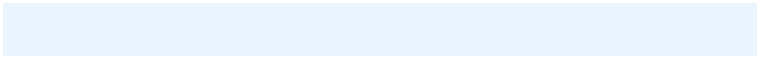
BDD8B3

Sweetspot

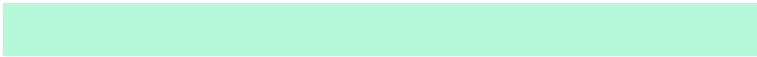
The Sweet Spot groups the original color and five complimentary colors.



B5D3F9



EBF4FF



B5F9DA



737880



000000



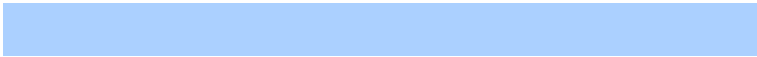
808080

Same Dimension

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



B5D3F9



ABD0FF



B8B5F9



70767D



0053BD



001B3D

Inverse Universe

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



F9B5D3



FFABD0



F6F9B5



7D7076



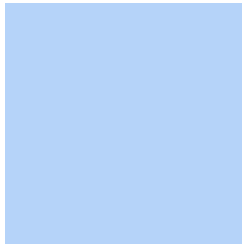
BD0053



3D001B

Previews

White Background



This preview shows how the Hex color B5D3F9 looks on a white background.

Color Contrast Check

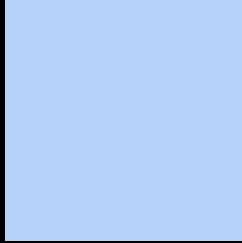
Large Text (above 18pt) WCAG AA × Fail

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 B5D3F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

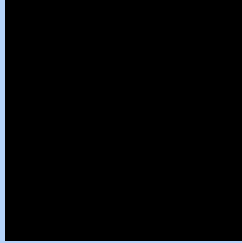
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

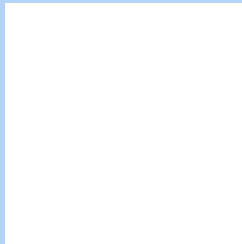
Any Text WCAG AAA ✓ Pass

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

Hex B5D3F9 Background



This preview shows how black text looks on a background with the Hex color B5D3F9.

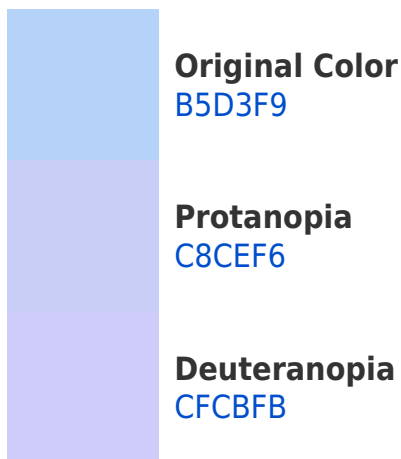


This preview shows how white text looks on a background with the Hex color B5D3F9.

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](#).

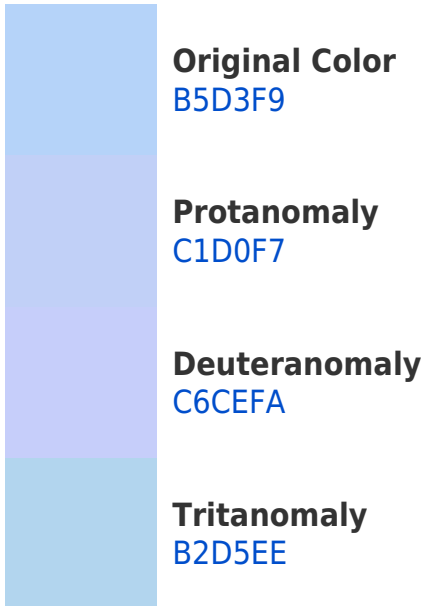
Dichromacy



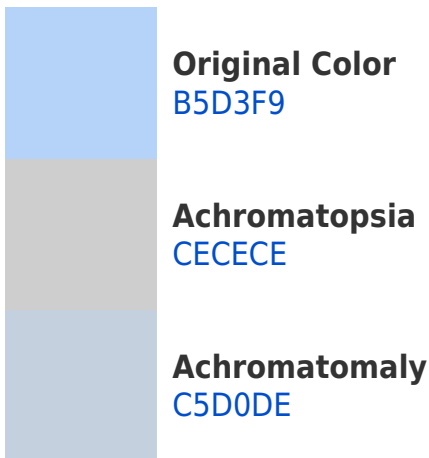


Tritanopia
B1D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D3F9 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 #B5D3F9 looks like.

```
.text, #text, p{  
    color:#B5D3F9  
}
```

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 #B5D3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D3F9
}
```

Border

The CSS property to change the border of an element to Hex B5D3F9 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
#B5D3F9 }
```

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

```
.border{ border-color:#B5D3F9 }
```

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

Here you see how a box with a 4 pixel #B5D3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D3F9; -webkit-box-shadow:4px 4px  
4px 4px #B5D3F9; box-shadow:4px 4px 4px  
4px #B5D3F9 }
```

Background

The CSS property to change the background color of an element to Hex B5D3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D3F9 }
```

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

```
.background{ background-color:#B5D3F9 }
```

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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