

Converting Colors

Hex(B5D7F1)

Have a look what the booklet for
Hex(B5D7F1) contains.

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Color

Hex(B5D7F1)

Conversions

Conversions Part 1

Format	Color
Hex	B5D7F1
RGB	181, 215, 241
RGB Percent	71%, 84%, 95%
CMY	0.2902, 0.1569, 0.0549
CMYK	0.25, 0.11, 0.00, 0.05
HSL	206°, 68%, 83%
HSV	206°, 25%, 95%
XYZ	59.2337, 64.7755, 92.6001
YIQ	207.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

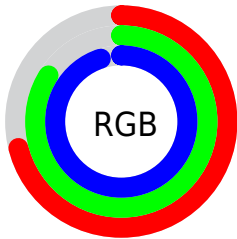
Format	Color
R _Y B	181, 203, 241
Decimal	11917297
CIE Lab	84.37, -5.54, -16.44
CIE LCh	84, 17.346, 251.388
Yxy	64.7755, 0.2735, 0.2990
Android (android.graphics.Color)	4290107377 (0xFFB5D7F1)
YUV	207.7980, 16.3686, -23.5018
Hunter-Lab	80.4832, -9.4741, -11.8779

Details

The Hex color **B5D7F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1CFB5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EEFFFF**, and **7FA0B9** is the 20% darker color. If you saturate the color by 10%, you get **9DCDF1**, and if you desaturate by 10%, it is **CDE1F1**.

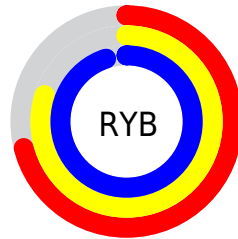
Distribution



Red (71%)

Green (84%)

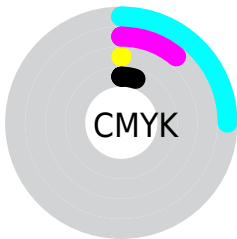
Blue (95%)



Red (71%)

Yellow (80%)

Blue (95%)

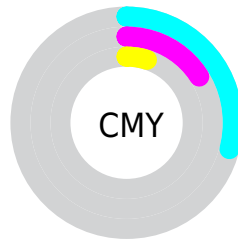


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D7F1 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 B5D7F1 by changing the saturation by 10% instead.

 B5D7F1

 B5D7F1

FFFFFF

 9ABBD5

 EEEFFF

 7FA0B9

 65869E

 4C6D84

 33556B

 193E52

 00283B

 001325

 00010F

 B5D7F1

 B5D7F1

 9DCDF1

 CDE1F1

 85C2F1

 E5ECF1

 6DB8F1

 FDF6F1

 55ADF1

 FFFFF1

 3CA3F1

 2498F1

 0C8EF1

 0089F1

Harmonies

Analogous

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



A9DBE7



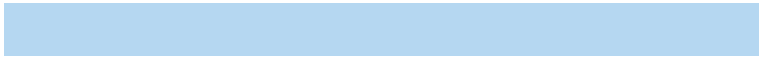
B5D7F1



C9D2F2

Triad

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



B5D7F1



F5C7CD



C6D8BA

Complementary

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



B5D7F1



F1CFB5

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.



D9D3B2



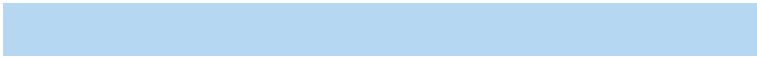
B5D7F1



F3C9BE

Square

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



B5D7F1



EDC8DD



E9CEB4



B5DBC8

Rectangle

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



B5D7F1



D7CEEE



E9CEB4



CDD7B6

Sweetspot

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



B5D7F1



EDF7FF



B5F1CF



757B80



000000



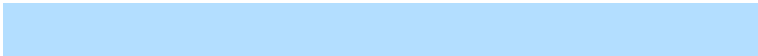
808080

Same Dimension

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



B5D7F1



B3DEFF



B5B9F1



6C7378



0068B8



002038

Inverse Universe

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



F1B5D7



FFB3DE



F1EDB5



786C73



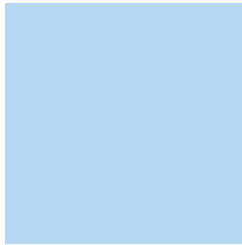
B80068



380020

Previews

White Background



This preview shows how the Hex color B5D7F1 looks on a white background.

Color Contrast Check

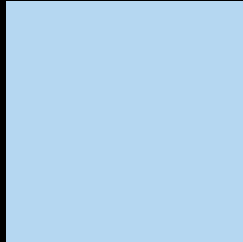
Large Text (above 18pt) WCAG AA × Fail

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 B5D7F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

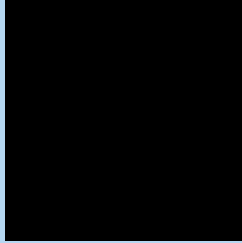
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

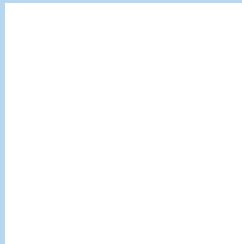
Any Text WCAG AAA ✓ Pass

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

Hex B5D7F1 Background



This preview shows how black text looks on a background with the Hex color B5D7F1.

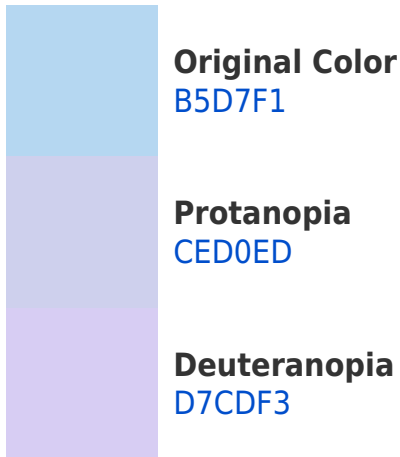


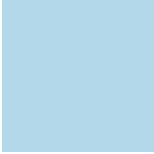
This preview shows how white text looks on a background with the Hex color B5D7F1.

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](#).

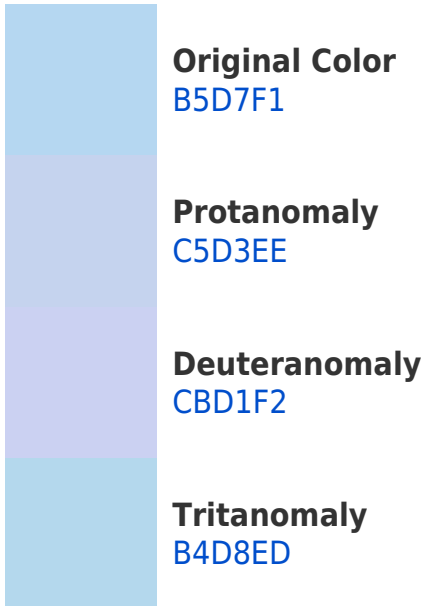
Dichromacy



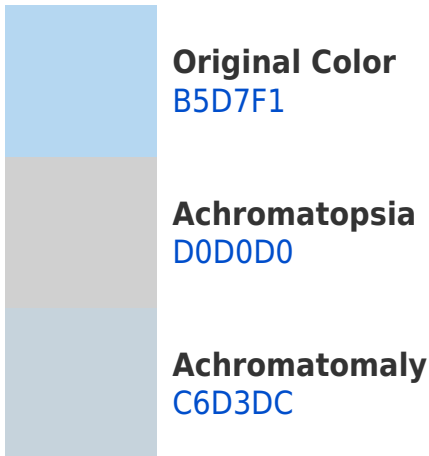


Tritanopia
B3D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D7F1 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 #B5D7F1 looks like.

```
.text, #text, p{  
    color:#B5D7F1  
}
```

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 #B5D7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D7F1  
}
```

Border

The CSS property to change the border of an element to Hex B5D7F1 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  
#B5D7F1 }
```

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

```
.border{ border-color:#B5D7F1 }
```

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

Here you see how a box with a 4 pixel #B5D7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D7F1; -webkit-box-shadow:4px 4px  
4px 4px #B5D7F1; box-shadow:4px 4px 4px  
4px #B5D7F1 }
```

Background

The CSS property to change the background color of an element to Hex B5D7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D7F1 }
```

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

```
.background{ background-color:#B5D7F1 }
```

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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