

Converting Colors

Hex(B5D9F0)

Have a look what the booklet for
Hex(B5D9F0) contains.

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Color

Hex(B5D9F0)

Conversions

Conversions Part 1

Format	Color
Hex	B5D9F0
RGB	181, 217, 240
RGB Percent	71%, 85%, 94%
CMY	0.2902, 0.1490, 0.0588
CMYK	0.25, 0.10, 0.00, 0.06
HSL	203°, 66%, 83%
HSV	203°, 25%, 94%
XYZ	59.5971, 65.7407, 91.9862
YIQ	208.8580, -28.8390, -0.4790

Conversions

Conversions Part 2

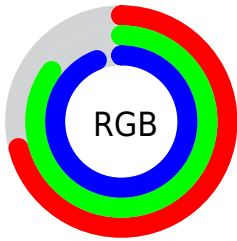
Format	Color
R _Y B	181, 203, 240
Decimal	11917808
CIE Lab	84.86, -6.80, -15.16
CIE LCh	85, 16.620, 245.839
Yxy	65.7407, 0.2742, 0.3025
Android (android.graphics.Color)	4290107888 (0xFFB5D9F0)
YUV	208.8580, 15.3530, -24.4315
Hunter-Lab	81.0807, -10.6875, -10.5082

Details

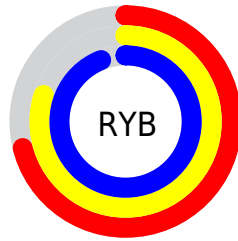
The Hex color **B5D9F0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0CCB5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EEEEFF**, and **7FA2B8** is the 20% darker color. If you saturate the color by 10%, you get **9DD0F0**, and if you desaturate by 10%, it is **CDE2F0**.

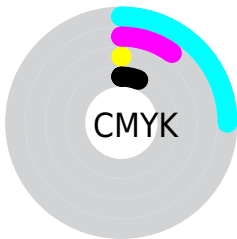
Distribution



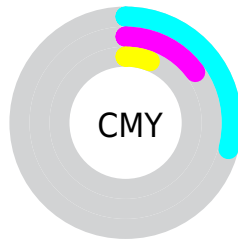
- Red (71%)
- Green (85%)
- Blue (94%)



- Red (71%)
- Yellow (80%)
- Blue (94%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (29%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D9F0 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 B5D9F0 by changing the saturation by 10% instead.

 B5D9F0

 B5D9F0

FFFFFF

 9ABDD4

 EEEFFF

 7FA2B8

 65889D

 4C6F83

 33566A

 193F52

 00293A

 001525

 00010F

 B5D9F0

 B5D9F0

 9DD0F0

 CDE2F0

 85C6F0

 E5ECF0

 6DBDF0

 FDF5F0

 55B4F0

 FFFEF0

 3DAAF0

 FFFFF0

 25A1F0

 0D98F0

 0092F0

Harmonies

Analogous

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



ACDCE6



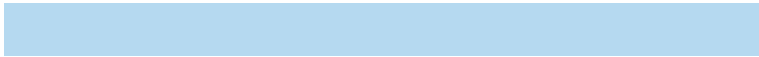
B5D9F0



C7D4F3

Triad

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



B5D9F0



F4C9D1



CCD9BA

Complementary

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



B5D9F0



F0CCB5

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.



DDD4B5



B5D9F0



F4CBC2

Square

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



B5D9F0



EBCBE1



ECCFB8



BADCC7

Rectangle

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



B5D9F0



D4D1F0



ECCFB8



D2D7B8

Sweetspot

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



B5D9F0



EDF8FF



B5F0CC



757C80



000000



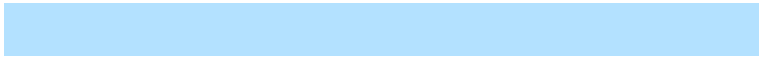
808080

Same Dimension

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



B5D9F0



B3E1FF



B5BCF0



6C7378



0070B8



002238

Inverse Universe

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



F0B5D9



FFB3E1



F0E9B5



786C73



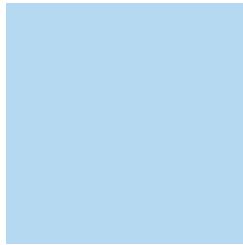
B80070



380022

Previews

White Background



This preview shows how the Hex color B5D9F0 looks on a white background.

Color Contrast Check

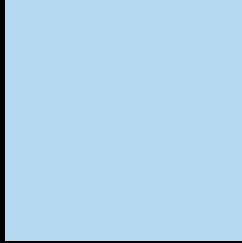
Large Text (above 18pt) WCAG AA × Fail

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 B5D9F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

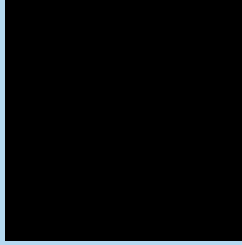
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

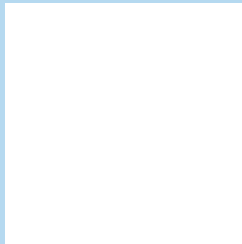
Any Text WCAG AAA ✓ Pass

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

Hex B5D9F0 Background



This preview shows how black text looks on a background with the Hex color B5D9F0.

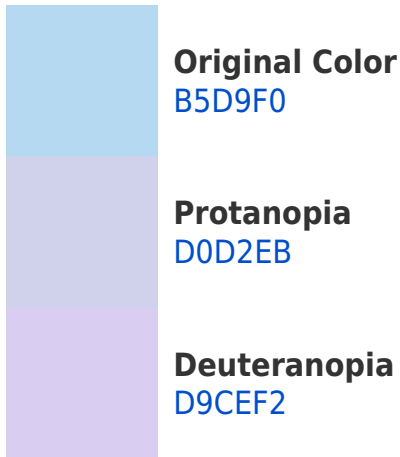


This preview shows how white text looks on a background with the Hex color B5D9F0.

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](#).

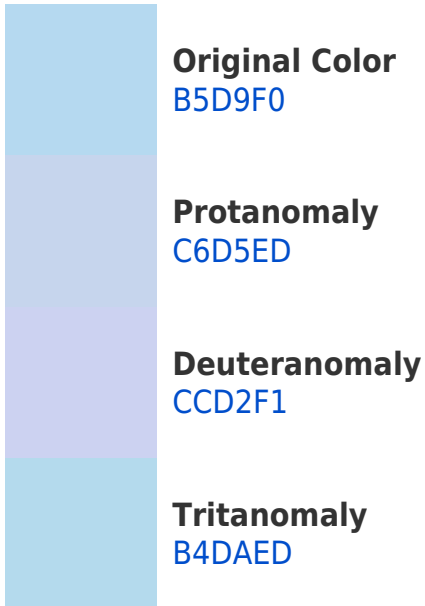
Dichromacy



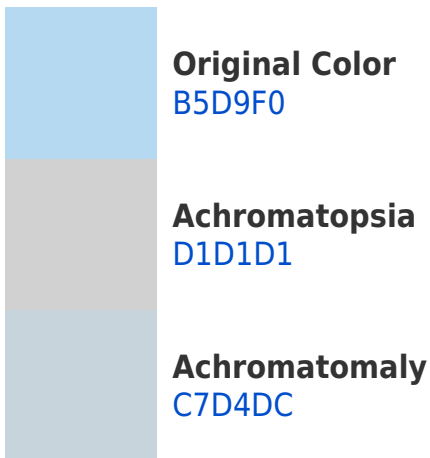


Tritanopia
B4DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D9F0 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 #B5D9F0 looks like.

```
.text, #text, p{  
    color:#B5D9F0  
}
```

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 #B5D9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D9F0
}
```

Border

The CSS property to change the border of an element to Hex B5D9F0 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
#B5D9F0 }
```

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

```
.border{ border-color:#B5D9F0 }
```

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

Here you see how a box with a 4 pixel #B5D9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D9F0; -webkit-box-shadow:4px 4px  
4px 4px #B5D9F0; box-shadow:4px 4px 4px  
4px #B5D9F0 }
```

Background

The CSS property to change the background color of an element to Hex B5D9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D9F0 }
```

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

```
.background{ background-color:#B5D9F0 }
```

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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