

Converting Colors

Hex(B4D8F2)

Have a look what the booklet for
Hex(B4D8F2) contains.

Hex(B4D8F2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4D8F2)

Conversions

Conversions Part 1

Format	Color
Hex	B4D8F2
RGB	180, 216, 242
RGB Percent	71%, 85%, 95%
CMY	0.2941, 0.1529, 0.0510
CMYK	0.26, 0.11, 0.00, 0.05
HSL	205°, 70%, 83%
HSV	205°, 26%, 95%
XYZ	59.4053, 65.2258, 93.4633
YIQ	208.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

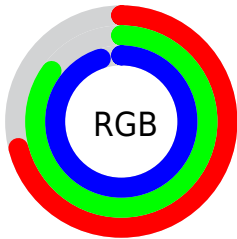
Format	Color
RYB	180, 203, 242
Decimal	11852018
CIELab	84.60, -6.12, -16.63
CIELCh	85, 17.718, 249.778
Yxy	65.2258, 0.2724, 0.2991
Android (android.graphics.Color)	4290042098 (0xFFB4D8F2)
YUV	208.2000, 16.6634, -24.7314
Hunter-Lab	80.7625, -10.0378, -12.0802

Details

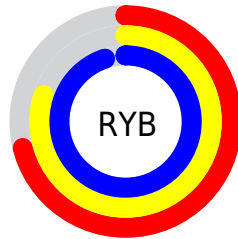
The Hex color **B4D8F2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F2CEB4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EDFFFF**, and **7EA1BA** is the 20% darker color. If you saturate the color by 10%, you get **9CCEF2**, and if you desaturate by 10%, it is **CCE2F2**.

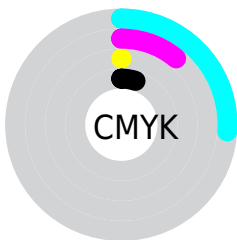
Distribution



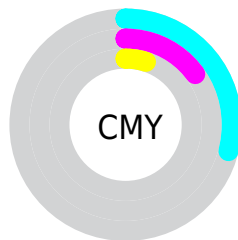
- Red (71%)
- Green (85%)
- Blue (95%)



- Red (71%)
- Yellow (80%)
- Blue (95%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D8F2 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 B4D8F2 by changing the saturation by 10% instead.

 B4D8F2

 B4D8F2

FFFFFF


 99BCD6


 EDFFFF

 7EA1BA

 64879F

 4A6E85

 31556B

 173E53

 00283C

 001426

 000111

 B4D8F2

 B4D8F2

 9CCEF2

 CCE2F2

 84C4F2

 E4ECF2

 6BBAF2


 FDF6F2

 53AFF2

 FFFFF2

 3BA5F2

 239BF2

 0B91F2

 008DF2

Harmonies

Analogous

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



A9DCE8



B4D8F2



C8D3F4

Triad

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



B4D8F2



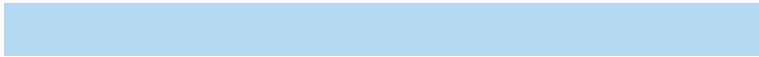
F6C8CE



C8D9B9

Complementary

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



B4D8F2



F2CEB4

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.



DBD4B2



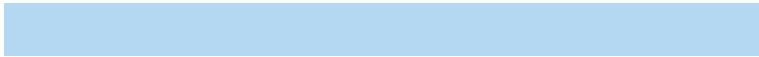
B4D8F2



F5CABE

Square

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



B4D8F2



EEC9DF



EBCEB4



B6DCC7

Rectangle

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



B4D8F2



D6CFF0



EBCEB4



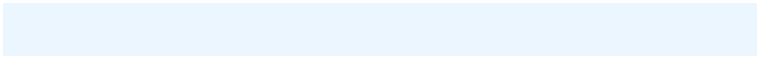
CED7B6

Sweetspot

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



B4D8F2



EBF6FF



B4F2CE



737A80



000000



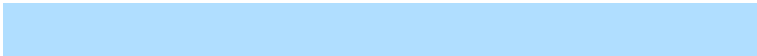
808080

Same Dimension

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



B4D8F2



B0DEFF



B4B9F2



6C7378



006BB8



002138

Inverse Universe

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



F2B4D8



FFB0DE



F2EDB4



786C73



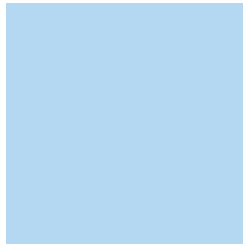
B8006B



380021

Previews

White Background



This preview shows how the Hex color B4D8F2 looks on a white background.

Color Contrast Check

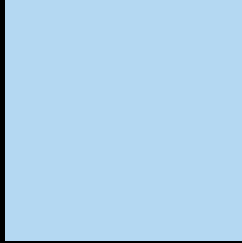
Large Text (above 18pt) WCAG AA × Fail

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 B4D8F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

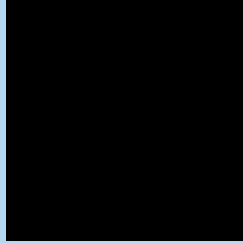
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

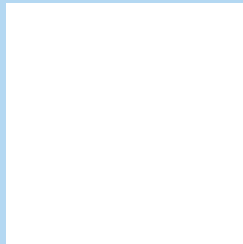
Any Text WCAG AAA ✓ Pass

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

Hex B4D8F2 Background



This preview shows how black text looks on a background with the Hex color B4D8F2.

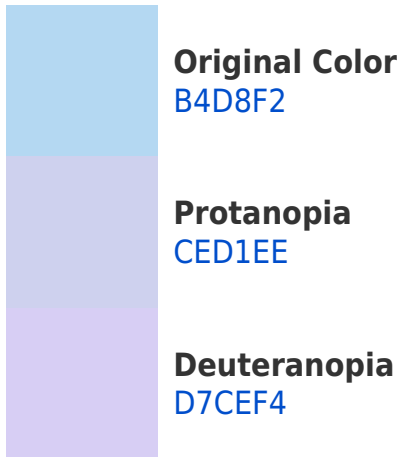


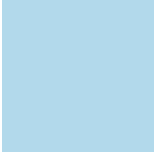
This preview shows how white text looks on a background with the Hex color B4D8F2.

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](#).

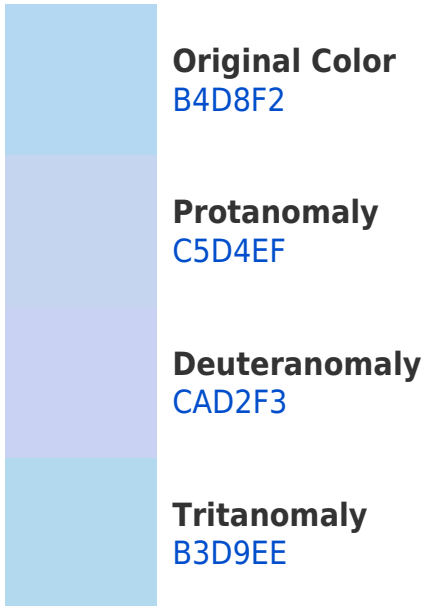
Dichromacy



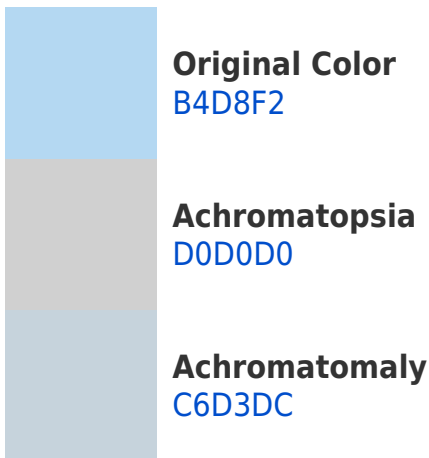


Tritanopia
B2D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4D8F2 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 #B4D8F2 looks like.

```
.text, #text, p{  
    color:#B4D8F2  
}
```

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 #B4D8F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D8F2
}
```

Border

The CSS property to change the border of an element to Hex B4D8F2 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
#B4D8F2 }
```

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

```
.border{ border-color:#B4D8F2 }
```

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

Here you see how a box with a 4 pixel #B4D8F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D8F2; -webkit-box-shadow:4px 4px  
4px 4px #B4D8F2; box-shadow:4px 4px 4px  
4px #B4D8F2 }
```

Background

The CSS property to change the background color of an element to Hex B4D8F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D8F2 }
```

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

```
.background{ background-color:#B4D8F2 }
```

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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