

Converting Colors

Hex(B4D7E8)

Have a look what the booklet for
Hex(B4D7E8) contains.

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Color

Hex(B4D7E8)

Conversions

Conversions Part 1

Format	Color
Hex	B4D7E8
RGB	180, 215, 232
RGB Percent	71%, 84%, 91%
CMY	0.2941, 0.1569, 0.0902
CMYK	0.22, 0.07, 0.00, 0.09
HSL	200°, 53%, 81%
HSV	200°, 22%, 91%
XYZ	57.6883, 64.1304, 85.6818
YIQ	206.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

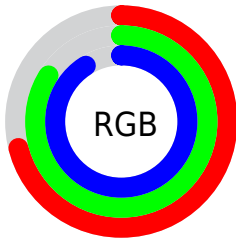
Format	Color
RYB	180, 201, 232
Decimal	11851752
CIELab	84.03, -7.84, -12.17
CIELCh	84, 14.481, 237.212
Yxy	64.1304, 0.2780, 0.3091
Android (android.graphics.Color)	4290041832 (0xFFB4D7E8)
YUV	206.4730, 12.5848, -23.2168
Hunter-Lab	80.0814, -11.5564, -7.3794

Details

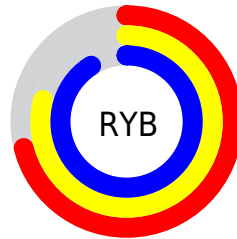
The Hex color **B4D7E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8C5B4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **ECFFFF**, and **7EA0B0** is the 20% darker color. If you saturate the color by 10%, you get **9DCFE8**, and if you desaturate by 10%, it is **CBDFE8**.

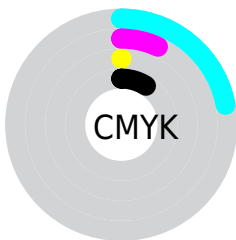
Distribution



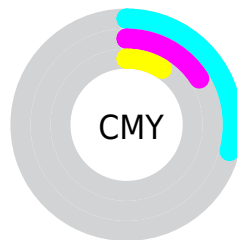
- Red (71%)
- Green (84%)
- Blue (91%)



- Red (71%)
- Yellow (79%)
- Blue (91%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D7E8 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 B4D7E8 by changing the saturation by 10% instead.

 B4D7E8

 B4D7E8

FFFFFF

 99BBCC

 ECFFFF

 7EA0B0

 648696

 4B6D7C

 335563

 1A3D4B

 002834

 00131F

 000005

 B4D7E8

 B4D7E8

 9DCFE8

 CBDFE8

 86C8E8

 E2E6E8

 6EC0E8

 FAEEE8

 57B9E8

 FFF5E8

 40B1E8

 FFFDE8

 29A9E8

 FFFF8E8

 12A2E8

 009CE8

Harmonies

Analogous

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



AFD9DD



B4D7E8



C2D3EC

Triad

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



B4D7E8



ECC8D3



CFD5B9

Complementary

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



B4D7E8



E8C5B4

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.



DED0B7



B4D7E8



EFC9C6

Square

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



B4D7E8



E2CBE1



EACCBB



BFD8C2

Rectangle

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



B4D7E8



CDD0EB



EACCBB



D4D3B8

Sweetspot

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



B4D7E8



EDF9FF



B4E8C4



757C80



000000



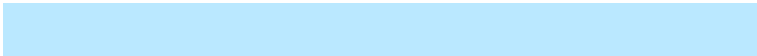
808080

Same Dimension

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



B4D7E8



BAE8FF



B4BEE8



676F73



0078B3



002233

Inverse Universe

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



E8B4D7



FFBAE8



E8DEB4



73676F



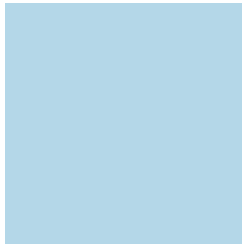
B30078



330022

Previews

White Background



This preview shows how the Hex color B4D7E8 looks on a white background.

Color Contrast Check

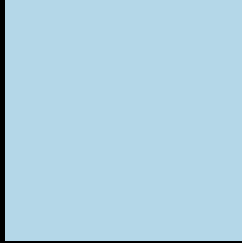
Large Text (above 18pt) WCAG AA × Fail

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 B4D7E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

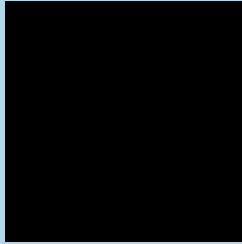
Any Text WCAG AA ✓ Pass

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 B4D7E8 Background



This preview shows how black text looks on a background with the Hex color B4D7E8.

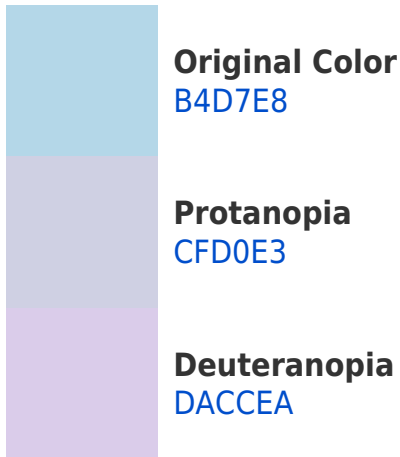


This preview shows how white text looks on a background with the Hex color B4D7E8.

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](#).

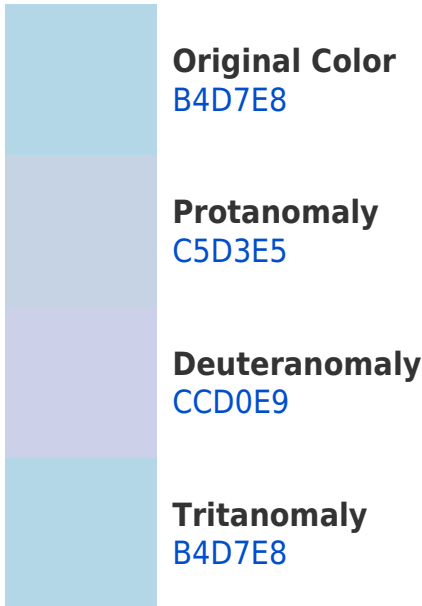
Dichromacy



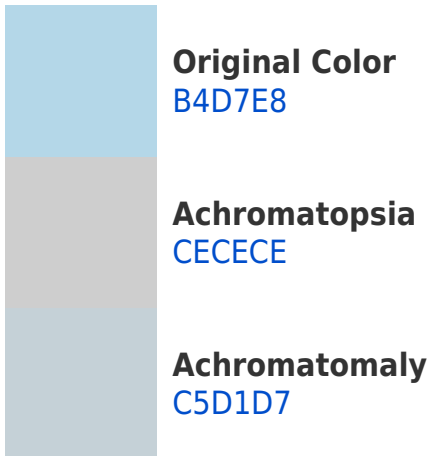


Tritanopia
B4D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4D7E8 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 #B4D7E8 looks like.

```
.text, #text, p{  
    color:#B4D7E8  
}
```

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 #B4D7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D7E8
}
```

Border

The CSS property to change the border of an element to Hex B4D7E8 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
#B4D7E8 }
```

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

```
.border{ border-color:#B4D7E8 }
```

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

Here you see how a box with a 4 pixel #B4D7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D7E8; -webkit-box-shadow:4px 4px  
4px 4px #B4D7E8; box-shadow:4px 4px 4px  
4px #B4D7E8 }
```

Background

The CSS property to change the background color of an element to Hex B4D7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D7E8 }
```

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

```
.background{ background-color:#B4D7E8 }
```

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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