

Converting Colors

Hex(B4DBF2)

Have a look what the booklet for
Hex(B4DBF2) contains.

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Color

Hex(B4DBF2)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBF2
RGB	180, 219, 242
RGB Percent	71%, 86%, 95%
CMY	0.2941, 0.1412, 0.0510
CMYK	0.26, 0.10, 0.00, 0.05
HSL	202°, 70%, 83%
HSV	202°, 26%, 95%
XYZ	60.1809, 66.7771, 93.7218
YIQ	209.9610, -30.6270, -1.1150

Conversions

Conversions Part 2

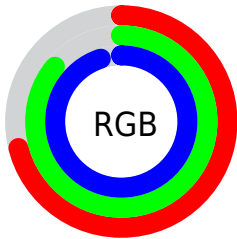
Format	Color
RYB	180, 204, 242
Decimal	11852786
CIELab	85.39, -7.68, -15.44
CIELCh	85, 17.243, 243.541
Yxy	66.7771, 0.2727, 0.3026
Android (android.graphics.Color)	4290042866 (0xFFB4DBF2)
YUV	209.9610, 15.7952, -26.2758
Hunter-Lab	81.7173, -11.5484, -10.7978

Details

The Hex color **B4DBF2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F2CBB4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EDFFFF**, and **7EA4BA** is the 20% darker color. If you saturate the color by 10%, you get **9CD2F2**, and if you desaturate by 10%, it is **CCE4F2**.

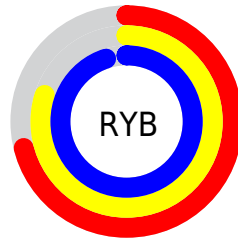
Distribution



Red (71%)

Green (86%)

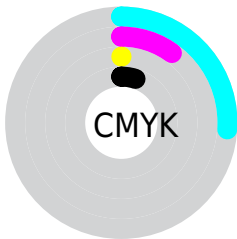
Blue (95%)



Red (71%)

Yellow (80%)

Blue (95%)

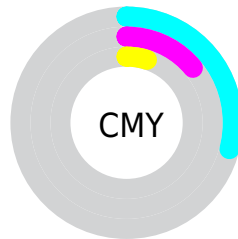


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DBF2 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 B4DBF2 by changing the saturation by 10% instead.

 B4DBF2

 B4DBF2

FFFFFF


 99BFD6

 EDFFFF

 7EA4BA

 648A9F

 4A7085

 31586B

 174153

 002B3C

 001726

 000111

 B4DBF2

 B4DBF2

 9CD2F2

 CCE4F2

 84C9F2

 E4EDF2

 6BC0F2

 FDF6F2

 53B7F2

 FFFFF2

 3BAEF2

 23A5F2

 0B9CF2

 0098F2

Harmonies

Analogous

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



ABDEE7



B4DBF2



C6D6F6

Triad

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



B4DBF2



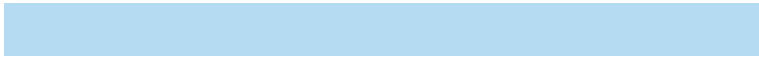
F7CAD4



CEDABA

Complementary

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



B4DBF2



F2CBB4

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.



E1D5B5



B4DBF2



F7CBC4

Square

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



B4DBF2



EDCCE4



EFD0B9



BCDEC6

Rectangle

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



B4DBF2



D4D2F3



EFD0B9



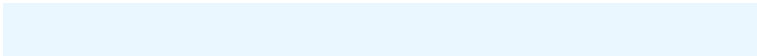
D4D8B7

Sweetspot

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



B4DBF2



EBF7FF



B4F2CB



737B80



000000



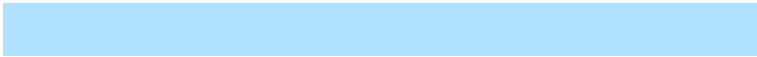
808080

Same Dimension

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



B4DBF2



B0E2FF



B4BCF2



6C7378



0073B8



002338

Inverse Universe

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



F2B4DB



FFB0E2



F2EAB4



786C73



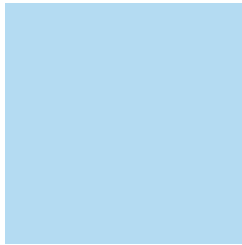
B80073



380023

Previews

White Background



This preview shows how the Hex color B4DBF2 looks on a white background.

Color Contrast Check

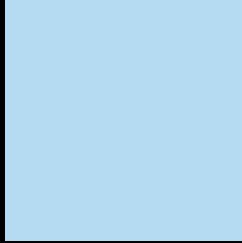
Large Text (above 18pt) WCAG AA × Fail

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 B4DBF2 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

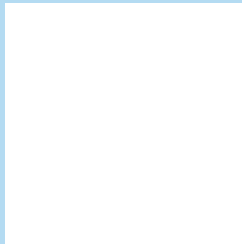
Any Text WCAG AAA ✓ Pass

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

Hex B4DBF2 Background



This preview shows how black text looks on a background with the Hex color B4DBF2.

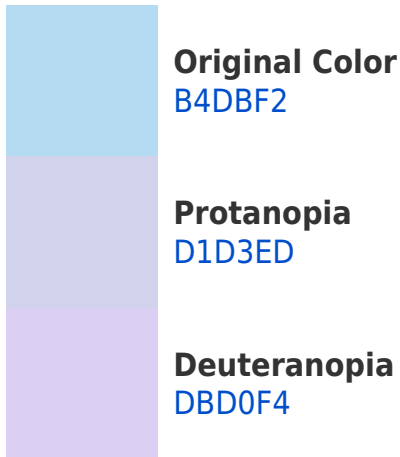


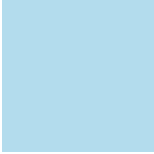
This preview shows how white text looks on a background with the Hex color B4DBF2.

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](#).

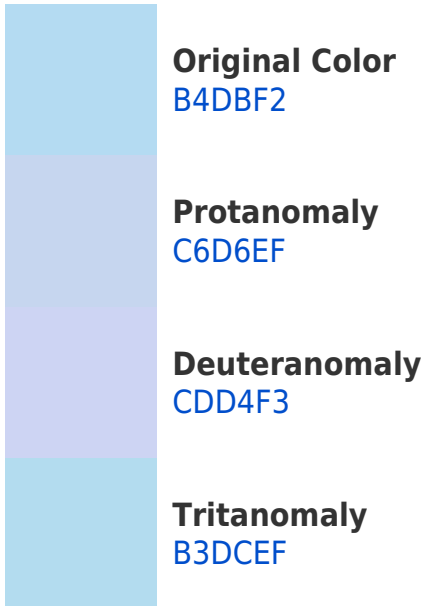
Dichromacy



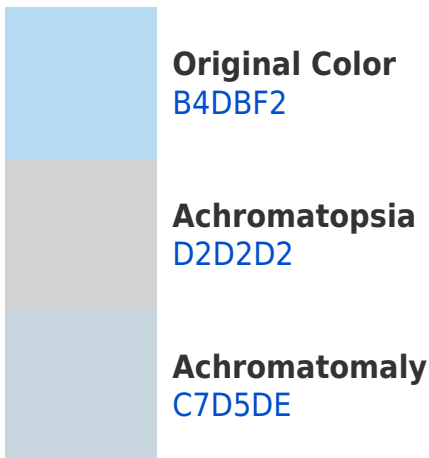


Tritanopia
B3DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBF2 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 #B4DBF2 looks like.

```
.text, #text, p{  
    color:#B4DBF2  
}
```

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 #B4DBF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBF2
}
```

Border

The CSS property to change the border of an element to Hex B4DBF2 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
#B4DBF2 }
```

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

```
.border{ border-color:#B4DBF2 }
```

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

Here you see how a box with a 4 pixel #B4DBF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBF2; -webkit-box-shadow:4px 4px  
4px 4px #B4DBF2; box-shadow:4px 4px 4px  
4px #B4DBF2 }
```

Background

The CSS property to change the background color of an element to Hex B4DBF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBF2 }
```

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

```
.background{ background-color:#B4DBF2 }
```

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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