

# Converting Colors

Hex(B4DAF0)

Have a look what the booklet for  
Hex(B4DAF0) contains.

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# **Color**

**Hex(B4DAF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DAF0
RGB	180, 218, 240
RGB Percent	71%, 85%, 94%
CMY	0.2941, 0.1451, 0.0588
CMYK	0.25, 0.09, 0.00, 0.06
HSL	202°, 67%, 82%
HSV	202°, 25%, 94%
XYZ	59.6220, 66.1374, 92.0615
YIQ	209.1460, -29.7100, -1.2140

# Conversions

## Conversions Part 2

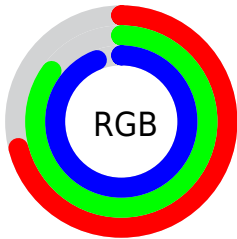
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	180, 203, 240
Decimal	11852528
CIE Lab	85.07, -7.62, -14.87
CIE LCh	85, 16.704, 242.875
Yxy	66.1374, 0.2737, 0.3036
Android (android.graphics.Color)	4290042608 (0xFFB4DAF0)
YUV	209.1460, 15.2110, -25.5610
Hunter-Lab	81.3249, -11.4543, -10.1901

# Details

The Hex color **B4DAF0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0CAB4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFFF**, and **7EA3B8** is the 20% darker color. If you saturate the color by 10%, you get **9CD1F0**, and if you desaturate by 10%, it is **CCE3F0**.

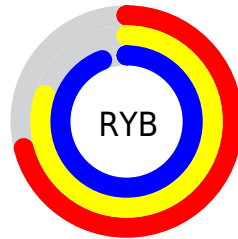
# Distribution



Red (71%)

Green (85%)

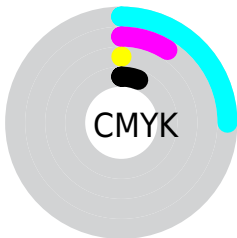
Blue (94%)



Red (71%)

Yellow (80%)

Blue (94%)

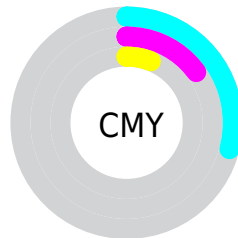


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (15%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DAF0 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 B4DAF0 by changing the saturation by 10% instead.



 B4DAF0

 B4DAF0

FFFFFF

 99BED4

 EDFFFF

 7EA3B8

 64899D

 4B6F83

 32576A

 184052

 002A3B

 001625

 00010F

 B4DAF0

 B4DAF0

 9CD1F0

 CCE3F0

 84C8F0

 E4ECF0

 6CC0F0

 FCF4F0

 54B7F0

 FFFDF0

 3CAEF0

 FFFFF0

 24A5F0

 0C9CF0

 0098F0

# Harmonies

## Analogous

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



ACDDE5



B4DAF0



C5D5F4

# Triad

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



B4DAF0



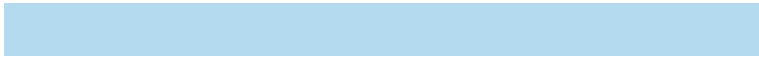
F5CAD3



CED9BA

# Complementary

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



B4DAF0



F0CAB4

# 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.



E0D4B5



B4DAF0



F6CBC4

# Square

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



B4DAF0



EBCCE3



EECFB9



BCDCC6

# Rectangle

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



B4DAF0



D3D2F1



EECFB9



D4D7B7



# Sweetspot

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



B4DAF0



EBF8FF



B4F0CA



737B80



000000



808080

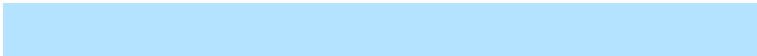


# Same Dimension

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



B4DAF0



B3E3FF



B4BCF0



6C7378



0074B8



002438



# Inverse Universe

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



F0B4DA



FFB3E3



F0E8B4



786C73



B80074

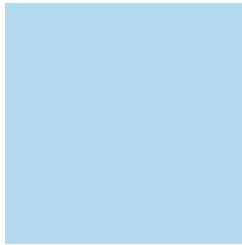


380024



# Previews

## White Background



This preview shows how the Hex color B4DAF0 looks on a white background.

## Color Contrast Check

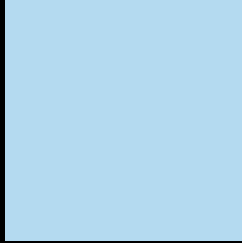
Large Text (above 18pt) WCAG AA × Fail

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 B4DAF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

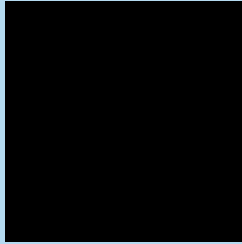
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4DAF0 Background



This preview shows how black text looks on a background with the Hex color B4DAF0.

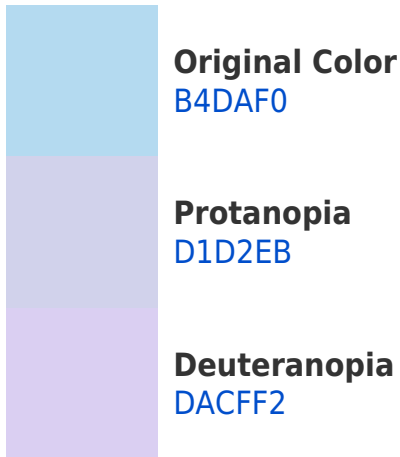


This preview shows how white text looks on a background with the Hex color B4DAF0.

# 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](#).

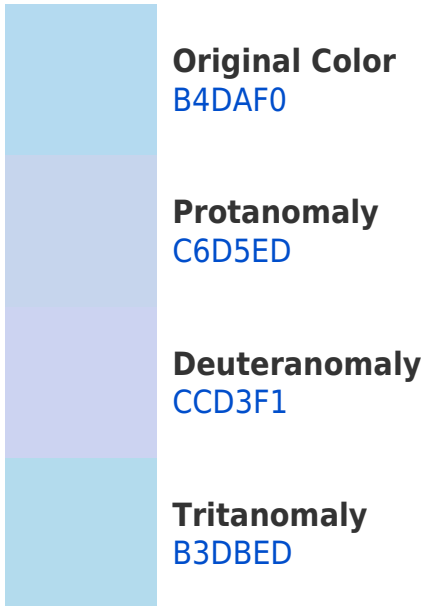
## Dichromacy



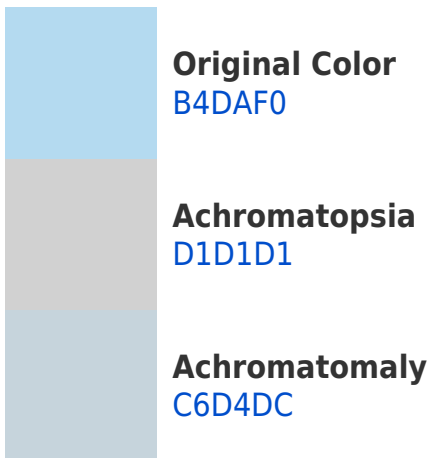


**Tritanopia**  
B3DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DAF0 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 #B4DAF0 looks like.

```
.text, #text, p{  
    color:#B4DAF0  
}
```

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 #B4DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DAF0
}
```

## Border

The CSS property to change the border of an element to Hex B4DAF0 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
#B4DAF0 }
```

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

```
.border{ border-color:#B4DAF0 }
```

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

Here you see how a box with a 4 pixel #B4DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DAF0; -webkit-box-shadow:4px 4px  
4px 4px #B4DAF0; box-shadow:4px 4px 4px  
4px #B4DAF0 }
```

# Background

The CSS property to change the background color of an element to Hex B4DAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DAF0 }
```

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

```
.background{ background-color:#B4DAF0 }
```

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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