

# Converting Colors

Hex(B4DDF1)

Have a look what the booklet for  
Hex(B4DDF1) contains.

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# **Color**

**Hex(B4DDF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DDF1
RGB	180, 221, 241
RGB Percent	71%, 87%, 95%
CMY	0.2941, 0.1333, 0.0549
CMYK	0.25, 0.08, 0.00, 0.05
HSL	200°, 69%, 83%
HSV	200°, 25%, 95%
XYZ	60.5560, 67.7671, 93.1078
YIQ	211.0210, -30.8560, -2.4720

# Conversions

## Conversions Part 2

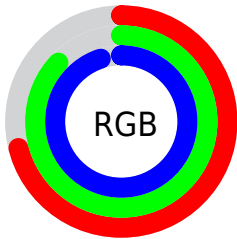
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 205, 241
Decimal	11853297
CIELab	85.89, -8.94, -14.16
CIELCh	86, 16.748, 237.731
Yxy	67.7671, 0.2735, 0.3060
Android (android.graphics.Color)	4290043377 (0xFFB4DDF1)
YUV	211.0210, 14.7796, -27.2054
Hunter-Lab	82.3208, -12.7548, -9.4346

# Details

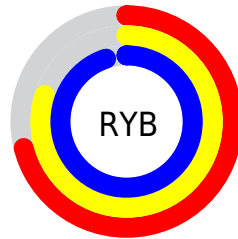
The Hex color **B4DDF1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F1C8B4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EDFFFF**, and **7EA6B9** is the 20% darker color. If you saturate the color by 10%, you get **9CD5F1**, and if you desaturate by 10%, it is **CCE5F1**.

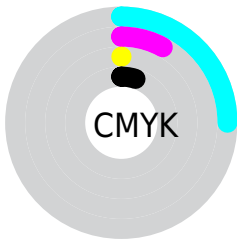
# Distribution



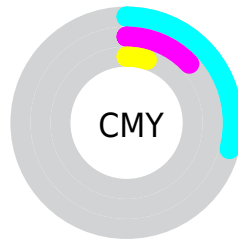
- Red (71%)
- Green (87%)
- Blue (95%)



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



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (13%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DDF1 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 B4DDF1 by changing the saturation by 10% instead.



 B4DDF1

 B4DDF1

FFFFFF


 99C1D5

 EDFFFF

 7EA6B9

 648C9E

 4A7284

 315A6B

 174252

 002C3B

 001826

 000110

 B4DDF1

 B4DDF1

 9CD5F1

 CCE5F1

 84CDF1

 E4EDF1

 6CC5F1

 FCF5F1

 54BDF1

 FFFDF1

 3BB5F1

 FFFFF1

 23AEF1

 0BA6F1

 00A2F1

# Harmonies

## Analogous

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



AEE0E5



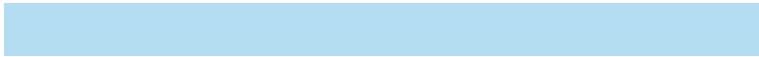
B4DDF1



C4D8F6

# Triad

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



B4DDF1



F6CCD9



D3DABB

# Complementary

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



B4DDF1



F1C8B4

# 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.



E5D5B7



B4DDF1



F9CDC9

# Square

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



B4DDF1



EBCEE8



F2D0BD



C1DEC5

# Rectangle

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



B4DDF1



D2D5F5



F2D0BD



D9D9B9

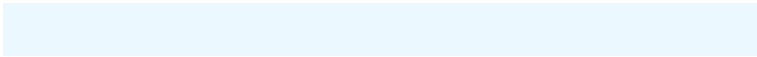


# Sweetspot

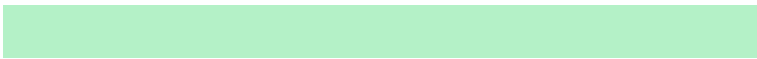
The Sweet Spot groups the original color and five complimentary colors.



B4DDF1



EBF8FF



B4F1C7



737B80



000000



808080

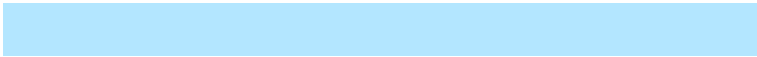


# Same Dimension

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



B4DDF1



B3E6FF



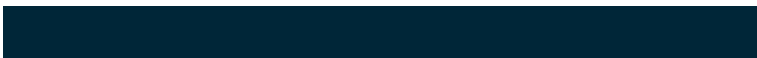
B4BFF1



6C7478



007BB8



002638



# Inverse Universe

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



F1B4DD



FFB3E6



F1E6B4



786C74



B8007B

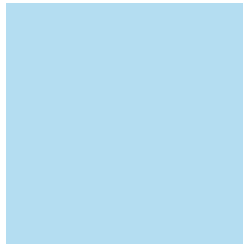


380026



# Previews

## White Background



This preview shows how the Hex color B4DDF1 looks on a white background.

## Color Contrast Check

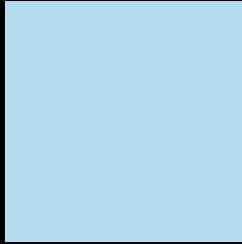
Large Text (above 18pt) WCAG AA × Fail

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 B4DDF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

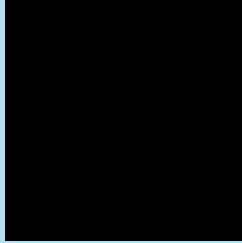
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4DDF1 Background



This preview shows how black text looks on a background with the Hex color B4DDF1.

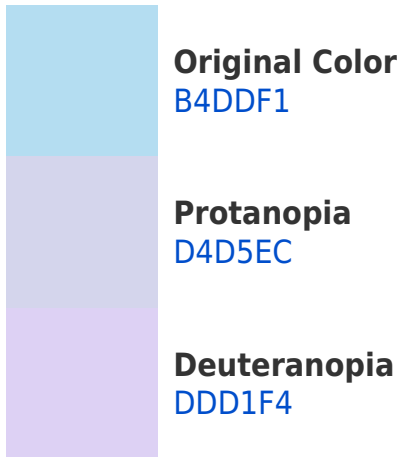


This preview shows how white text looks on a background with the Hex color B4DDF1.

# 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](#).

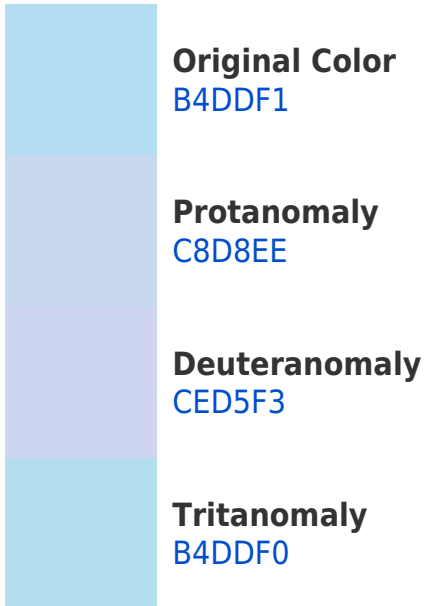
## Dichromacy





**Tritanopia**  
B4DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DDF1 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 #B4DDF1 looks like.

```
.text, #text, p{  
    color:#B4DDF1  
}
```

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 #B4DDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DDF1
}
```

## Border

The CSS property to change the border of an element to Hex B4DDF1 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
#B4DDF1 }
```

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

```
.border{ border-color:#B4DDF1 }
```

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

Here you see how a box with a 4 pixel #B4DDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DDF1; -webkit-box-shadow:4px 4px  
4px 4px #B4DDF1; box-shadow:4px 4px 4px  
4px #B4DDF1 }
```

# Background

The CSS property to change the background color of an element to Hex B4DDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DDF1 }
```

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

```
.background{ background-color:#B4DDF1 }
```

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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