

# Converting Colors

Hex(B4DFA7)

Have a look what the booklet for  
Hex(B4DFA7) contains.

<b>Hex(B4DFA7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B4DFA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DFA7
RGB	180, 223, 167
RGB Percent	71%, 87%, 65%
CMY	0.2941, 0.1255, 0.3451
CMYK	0.19, 0.00, 0.25, 0.13
HSL	106°, 47%, 76%
HSV	106°, 25%, 87%
XYZ	52.1851, 65.2687, 46.4069
YIQ	203.7590, -7.6520, -26.5320

# Conversions

## Conversions Part 2

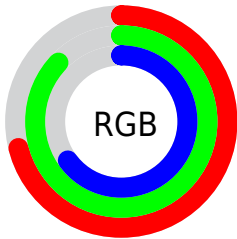
Format	Color
<a href="#">RYB</a>	<a href="#">167, 223, 210</a>
Decimal	<a href="#">11853735</a>
CIELab	<a href="#">84.62, -24.29, 22.97</a>
CIElCh	<a href="#">85, 33.435, 136.597</a>
Yxy	<a href="#">65.2687, 0.3185, 0.3983</a>
Android (android.graphics.Color)	<a href="#">4290043815 (0xFFB4DFA7)</a>
YUV	<a href="#">203.7590, -18.1222, -20.8366</a>
Hunter-Lab	<a href="#">80.7890, -26.0800, 22.4949</a>

# Details

The Hex color **B4DFA7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D2A7DF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **ECFFDE**, and **7EA873** is the 20% darker color. If you saturate the color by 10%, you get **A3DF91**, and if you desaturate by 10%, it is **C5DFBD**.

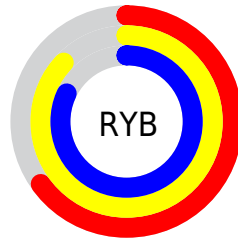
# Distribution



Red (71%)

Green (87%)

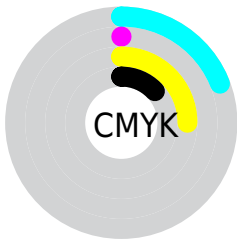
Blue (65%)



Red (65%)

Yellow (87%)

Blue (82%)

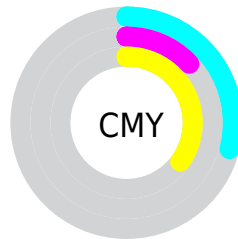


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DFA7 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 B4DFA7 by changing the saturation by 10% instead.



 B4DFA7

FFFFFF

 ECFFDE

 FFFFFB

 B4DFA7

 99C38C

 7EA873

 658D5A

 4C7342

 345B2B

 1C4315

 062C00

 001900

 000000

 B4DFA7

 B4DFA7

 A3DF91

 C5DFBD

 92DF7A

 D6DFD4

 81DF64

 E7DFEA

 70DF4E

 F8DFFF

 5EDF37

 FFDFFF

 4DDF21

 3CDF0B

 34DF00

# Harmonies

## Analogous

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



D8D796



B4DFA7



90E4C4

# Triad

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



B4DFA7



97DAFF



FFBCC3

# Complementary

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



B4DFA7



D2A7DF

# 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.



FFBDE3



B4DFA7



C4D0FF

# Square

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



B4DFA7



75E2FF



EDC5FF



FFC2A7

# Rectangle

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



B4DFA7



7CE5D9



EDC5FF



FFBCCD



# Sweetspot

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



B4DFA7



EFFFEB



DFD2A7



768073



000000



808080

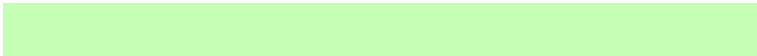


# Same Dimension

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



B4DFA7



C4FFB3



A7DFB6



687065



29B000



0B3000



# Inverse Universe

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



D2A7DF



EDB3FF



DFA7D0



6E6570



8700B0



250030



# Previews

## White Background



This preview shows how the Hex color B4DFA7 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 B4DFA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

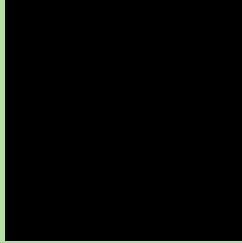
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4DFA7 Background



This preview shows how black text looks on a background with the Hex color B4DFA7.

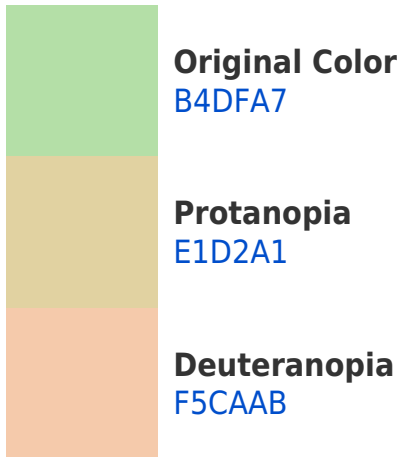


This preview shows how white text looks on a background with the Hex color B4DFA7.

# 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**  
BED6E8

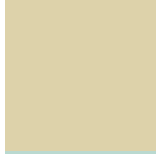
# Trichromacy



**Original Color**  
B4DFA7



**Protanomaly**  
D1D7A3



**Deuteranomaly**  
DDD2AA

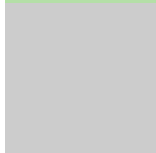


**Tritanomaly**  
BAD9D0

# Monochromacy



**Original Color**  
B4DFA7



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
C3D3BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DFA7 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 #B4DFA7 looks like.

```
.text, #text, p{  
    color:#B4DFA7  
}
```

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 #B4DFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DFA7
}
```

## Border

The CSS property to change the border of an element to Hex B4DFA7 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
#B4DFA7 }
```

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

```
.border{ border-color:#B4DFA7 }
```

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

Here you see how a box with a 4 pixel #B4DFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DFA7; -webkit-box-shadow:4px 4px  
4px 4px #B4DFA7; box-shadow:4px 4px 4px  
4px #B4DFA7 }
```

# Background

The CSS property to change the background color of an element to Hex B4DFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DFA7 }
```

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

```
.background{ background-color:#B4DFA7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor