

# Converting Colors

Hex(B4DE6F)

Have a look what the booklet for  
Hex(B4DE6F) contains.

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# Color

Hex(**B4DE6F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DE6F
RGB	180, 222, 111
RGB Percent	71%, 87%, 44%
CMY	0.2941, 0.1294, 0.5647
CMYK	0.19, 0.00, 0.50, 0.13
HSL	83°, 63%, 65%
HSV	83°, 50%, 87%
XYZ	47.8129, 63.0935, 24.6972
YIQ	196.7880, 10.5990, -43.4250

# Conversions

## Conversions Part 2

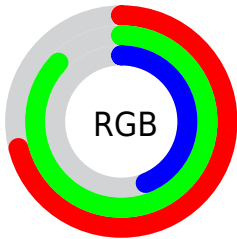
Format	Color
<a href="#">RYB</a>	<a href="#">111, 222, 153</a>
Decimal	<a href="#">11853423</a>
CIELab	<a href="#">83.49, -31.19, 49.57</a>
CIELCh	<a href="#">83, 58.562, 122.180</a>
Yxy	<a href="#">63.0935, 0.3526, 0.4653</a>
Android (android.graphics.Color)	<a href="#">4290043503 (0xFFB4DE6F)</a>
YUV	<a href="#">196.7880, -42.2935, -14.7231</a>
Hunter-Lab	<a href="#">79.4314, -31.5589, 37.1673</a>

# Details

The Hex color **B4DE6F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **996FDE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EEFFA5**, and **7DA73B** is the 20% darker color. If you saturate the color by 10%, you get **ACDE59**, and if you desaturate by 10%, it is **BCDE85**.

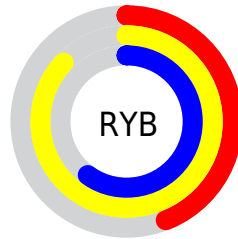
# Distribution



Red (71%)

Green (87%)

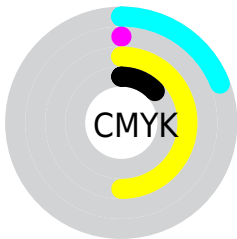
Blue (44%)



Red (44%)

Yellow (87%)

Blue (60%)

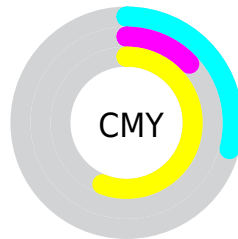


Cyan (19%)

Magenta (0%)

Yellow (50%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DE6F 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 B4DE6F by changing the saturation by 10% instead.



 B4DE6F

 B4DE6F

FFFFFF

 98C255

 EEFFA5

 7DA73B

 FFFFC1


 628C20

 FFFFDD

 487200

 FFFFFA

 2D5A00

 114200

 002B00

 001500

 000000

 B4DE6F

 B4DE6F

 ACDE59

 BCDE85

 A3DE43

 C5DE9B

 9BDE2C

 CDDEB2

 92DE16

 D6DEC8

 8ADE00

 DEDEDE

 E6DEF4

 EFDEFF

 F7DEFF

 FFDEFF

# Harmonies

## Analogous

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



EDCE5E



B4DE6F



6BE89A

# Triad

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



B4DE6F



00E3FF



FFA1CE

# Complementary

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



B4DE6F



996FDE

# 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.



FFACFF



B4DE6F



75D5FF

# Square

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



B4DE6F



00EBFF



D9C0FF



FFA898

# Rectangle

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



B4DE6F



00EBBF



D9C0FF



FFA3E1



# Sweetspot

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



B4DE6F



F1FFD9



DE986F



778069



000000



808080

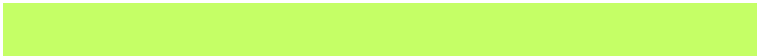


# Same Dimension

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



B4DE6F



C5FF66



7EDE6F



6C7065



6DB000



1E3000



# Inverse Universe

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



996FDE



A066FF



CF6FDE



696570



4300B0



120030



# Previews

## White Background



This preview shows how the Hex color B4DE6F looks on a white background.

## Color Contrast Check

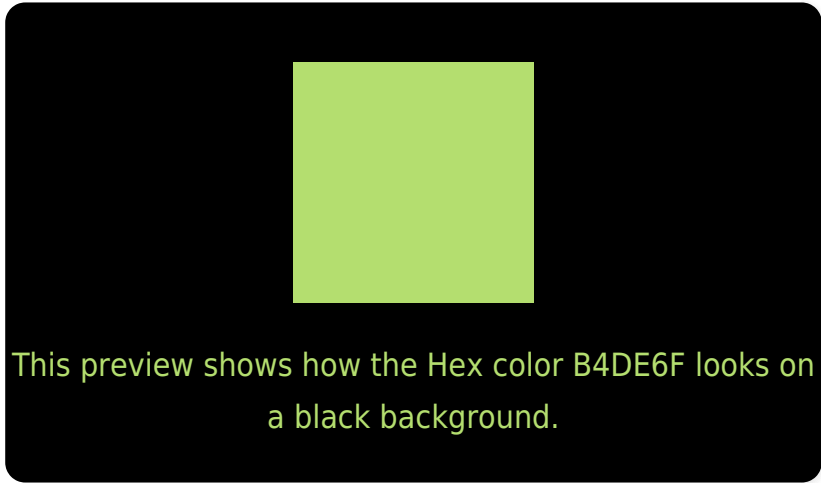
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 B4DE6F Background



This preview shows how black text looks on a background with the Hex color B4DE6F.

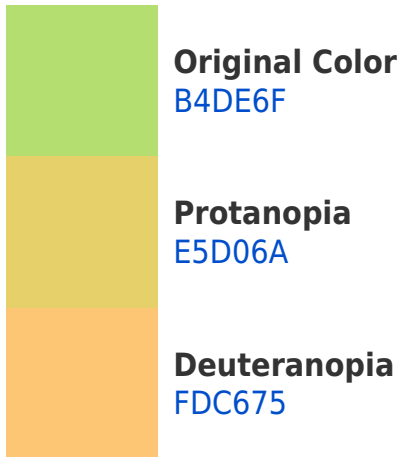


This preview shows how white text looks on a background with the Hex color B4DE6F.

# 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](#).

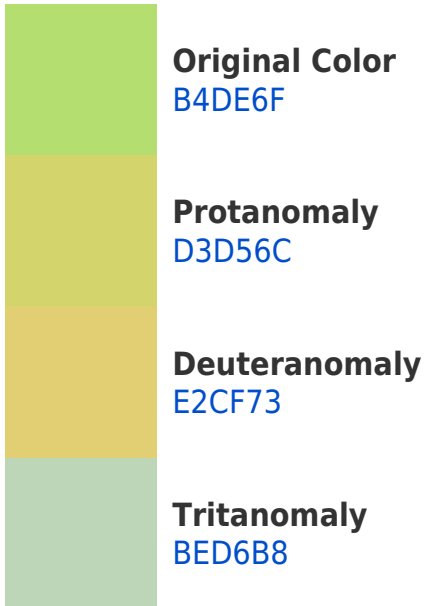
## Dichromacy



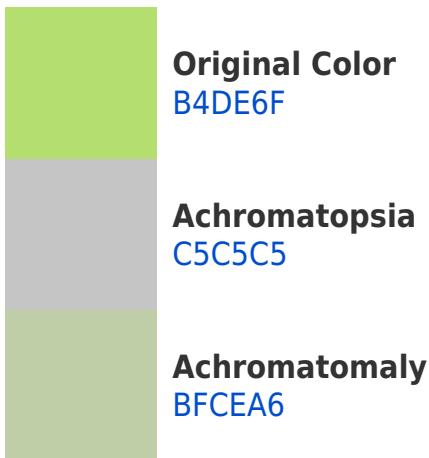


**Tritanopia**  
C3D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DE6F 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 #B4DE6F looks like.

```
.text, #text, p{  
    color:#B4DE6F  
}
```

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 #B4DE6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DE6F
}
```

## Border

The CSS property to change the border of an element to Hex B4DE6F 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
#B4DE6F }
```

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

```
.border{ border-color:#B4DE6F }
```

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

Here you see how a box with a 4 pixel #B4DE6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DE6F; -webkit-box-shadow:4px 4px  
4px 4px #B4DE6F; box-shadow:4px 4px 4px  
4px #B4DE6F }
```

# Background

The CSS property to change the background color of an element to Hex B4DE6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DE6F }
```

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

```
.background{ background-color:#B4DE6F }
```

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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