

# Converting Colors

Hex(B4DE90)

Have a look what the booklet for  
Hex(B4DE90) contains.

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**Color**

**Hex(B4DE90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4DE90
RGB	180, 222, 144
RGB Percent	71%, 87%, 56%
CMY	0.2941, 0.1294, 0.4353
CMYK	0.19, 0.00, 0.35, 0.13
HSL	92°, 54%, 72%
HSV	92°, 35%, 87%
XYZ	49.9777, 63.9595, 36.0969
YIQ	200.5500, 0.0060, -33.1620

# Conversions

## Conversions Part 2

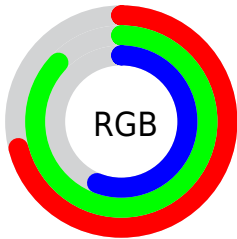
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 222, 186</a>
Decimal	<a href="#">11853456</a>
CIELab	<a href="#">83.94, -27.23, 33.90</a>
CIELCh	<a href="#">84, 43.480, 128.773</a>
Yxy	<a href="#">63.9595, 0.3331, 0.4263</a>
Android (android.graphics.Color)	<a href="#">4290043536 (0xFFB4DE90)</a>
YUV	<a href="#">200.5500, -27.8791, -18.0223</a>
Hunter-Lab	<a href="#">79.9747, -28.4076, 29.2215</a>

# Details

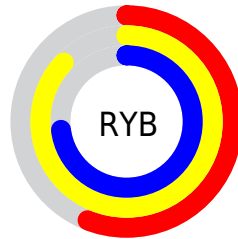
The Hex color **B4DE90** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BA90DE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EDFFC6**, and **7EA75D** is the 20% darker color. If you saturate the color by 10%, you get **A8DE7A**, and if you desaturate by 10%, it is **C0DEA6**.

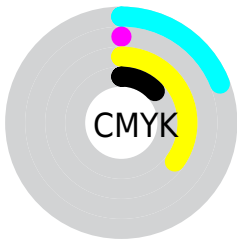
# Distribution



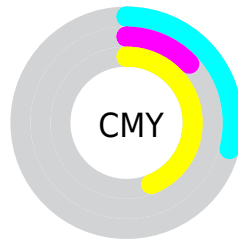
- Red (71%)
- Green (87%)
- Blue (56%)



- Red (56%)
- Yellow (87%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DE90 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 B4DE90 by changing the saturation by 10% instead.



 B4DE90

 B4DE90

FFFFFF

 99C276

 EDFFC6

 7EA75D

 FFFF E3

 648C44

 4B722C

 325A14

 194200

 002B00

 001600

 000000

 B4DE90

 B4DE90

 A8DE7A

 C0DEA6

 9CDE64

 CCDEBC

 90DE4D

 D8DED3

 84DE37

 E4DEE9

 78DE21

 F0DEFF

 6CDE0B

 FCDEFF

 66DE00

 FFDEFF

# Harmonies

## Analogous

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



E1D37F



B4DE90



81E5B2

# Triad

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



B4DE90



63DEFF



FFB1C7

# Complementary

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



B4DE90



BA90DE

# Split Complementary

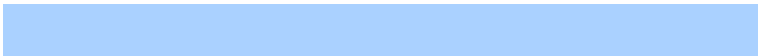
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6F0



B4DE90



AAD1FF

# Square

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



B4DE90



25E5FF



E6C2FF



FFB8A0

# Rectangle

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



B4DE90



5CE7CE



E6C2FF



FFB2D5



# Sweetspot

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



B4DE90



F0FFE3



DEBA90



77806F



000000



808080

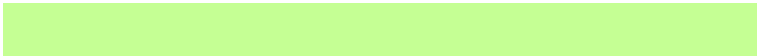


# Same Dimension

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



B4DE90



C5FF94



90DE93



6A7065



51B000



163000



# Inverse Universe

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



BA90DE



CE94FF



DE90DB



6B6570



5F00B0



1A0030



# Previews

## White Background



This preview shows how the Hex color B4DE90 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 B4DE90 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 B4DE90 Background



This preview shows how black text looks on a background with the Hex color B4DE90.

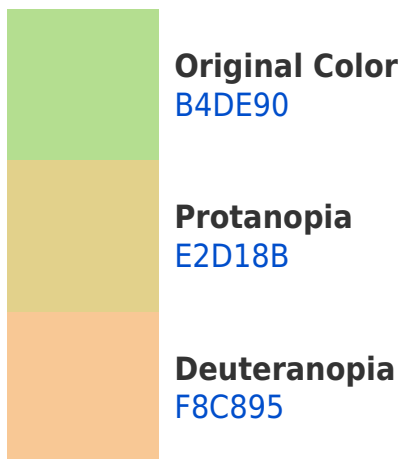


This preview shows how white text looks on a background with the Hex color B4DE90.

# 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](#).

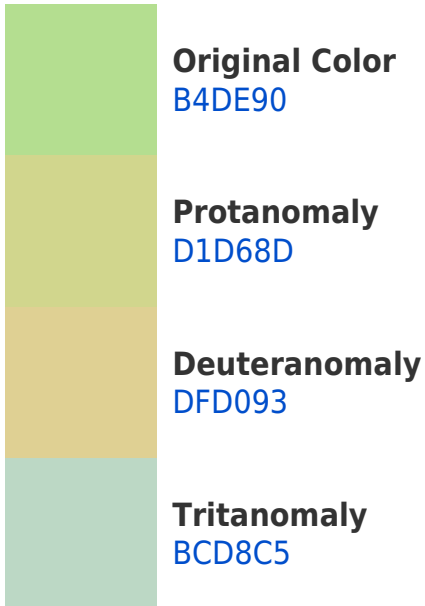
## Dichromacy



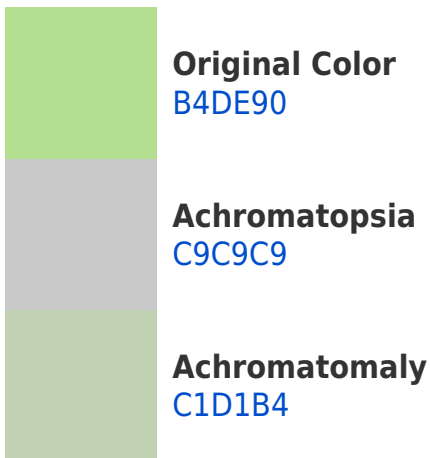


**Tritanopia**  
C1D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DE90 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 #B4DE90 looks like.

```
.text, #text, p{  
    color:#B4DE90  
}
```

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 #B4DE90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DE90
}
```

## Border

The CSS property to change the border of an element to Hex B4DE90 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
#B4DE90 }
```

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

```
.border{ border-color:#B4DE90 }
```

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

Here you see how a box with a 4 pixel #B4DE90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DE90; -webkit-box-shadow:4px 4px  
4px 4px #B4DE90; box-shadow:4px 4px 4px  
4px #B4DE90 }
```

# Background

The CSS property to change the background color of an element to Hex B4DE90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DE90 }
```

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

```
.background{ background-color:#B4DE90 }
```

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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