

# Converting Colors

Hex(B6DE94)

Have a look what the booklet for  
Hex(B6DE94) contains.

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**Color**

**Hex(B6DE94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6DE94
RGB	182, 222, 148
RGB Percent	71%, 87%, 58%
CMY	0.2863, 0.1294, 0.4196
CMYK	0.18, 0.00, 0.33, 0.13
HSL	92°, 53%, 73%
HSV	92°, 33%, 87%
XYZ	50.7580, 64.3258, 37.7579
YIQ	201.6040, -0.0860, -31.4940

# Conversions

## Conversions Part 2

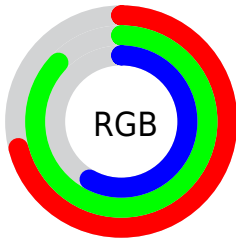
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 222, 188</a>
Decimal	<a href="#">11984532</a>
CIELab	<a href="#">84.14, -25.96, 32.14</a>
CIELCh	<a href="#">84, 41.311, 128.933</a>
Yxy	<a href="#">64.3258, 0.3321, 0.4209</a>
Android (android.graphics.Color)	<a href="#">4290174612 (0xFFB6DE94)</a>
YUV	<a href="#">201.6040, -26.4268, -17.1927</a>
Hunter-Lab	<a href="#">80.2033, -27.3892, 28.2300</a>

# Details

The Hex color **B6DE94** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC94DE**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **EFFFCB**, and **80A760** is the 20% darker color. If you saturate the color by 10%, you get **AADE7E**, and if you desaturate by 10%, it is **C2DEAA**.

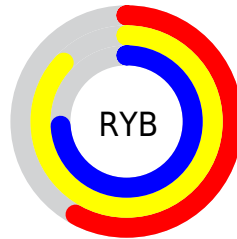
# Distribution



Red (71%)

Green (87%)

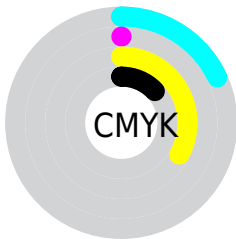
Blue (58%)



Red (58%)

Yellow (87%)

Blue (74%)

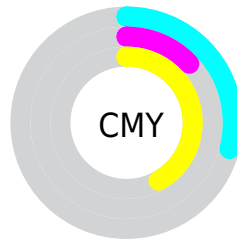


Cyan (18%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6DE94 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 B6DE94 by changing the saturation by 10% instead.



 B6DE94

 B6DE94

FFFFFF

 9BC27A

 EFFFFCB

 80A760

 FFFFEE7

 668C48

 4D7330

 345A19

 1C4200

 022B00

 001700

 000000

 B6DE94

 B6DE94

 AADE7E

 C2DEAA

 9EDE68

 CEDEC0

 92DE51

 DADED7

 86DE3B

 E6DEED

 7ADE25

 F2DEFF

 6EDE0F

 FEDEFF

 66DE00

 FFDEFF

# Harmonies

## Analogous

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



E1D384



B6DE94



87E5B5

# Triad

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



B6DE94



6EDDFE



FFB4C7

# Complementary

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



B6DE94



BC94DE

# 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.



FFB8EF



B6DE94



AED2FF

# Square

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



B6DE94



3FE5FF



E6C4FF



FFBAA3

# Rectangle

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



B6DE94



66E7CF



E6C4FF



FFB4D5



# Sweetspot

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



B6DE94



F1FFE6



DEBB94



778070



000000



808080

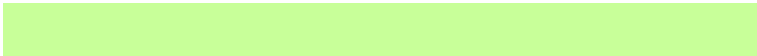


# Same Dimension

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



B6DE94



C8FF99



94DE96



6A7065



51B000



163000



# Inverse Universe

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



BC94DE



D099FF



DE94DC



6B6570



5F00B0



1A0030



# Previews

## White Background



This preview shows how the Hex color B6DE94 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 B6DE94 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 B6DE94 Background



This preview shows how black text looks on a background with the Hex color B6DE94.

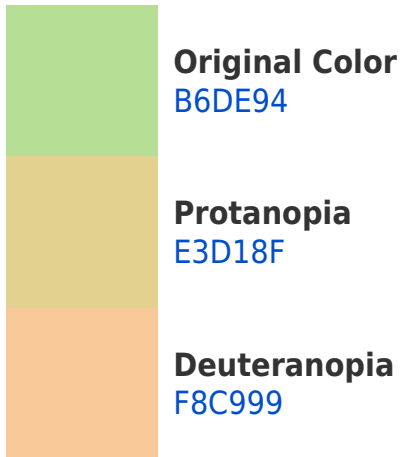


This preview shows how white text looks on a background with the Hex color B6DE94.

# 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](#).

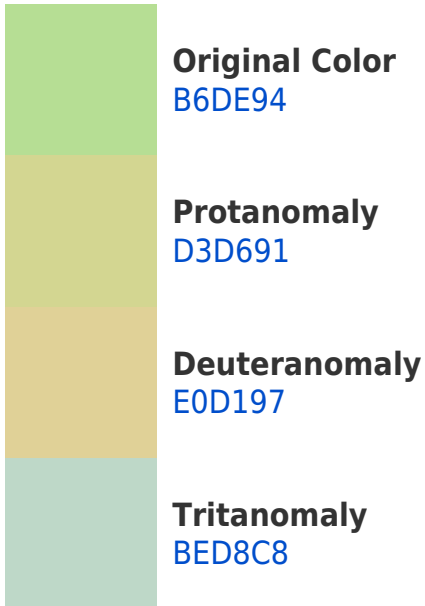
## Dichromacy



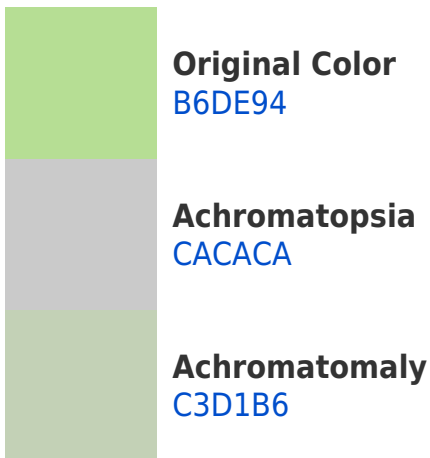


**Tritanopia**  
C2D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6DE94 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 #B6DE94 looks like.

```
.text, #text, p{  
    color:#B6DE94  
}
```

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 #B6DE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DE94
}
```

## Border

The CSS property to change the border of an element to Hex B6DE94 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
#B6DE94 }
```

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

```
.border{ border-color:#B6DE94 }
```

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

Here you see how a box with a 4 pixel #B6DE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DE94; -webkit-box-shadow:4px 4px  
4px 4px #B6DE94; box-shadow:4px 4px 4px  
4px #B6DE94 }
```

# Background

The CSS property to change the background color of an element to Hex B6DE94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DE94 }
```

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

```
.background{ background-color:#B6DE94 }
```

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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