

# Converting Colors

Hex(B6D48E)

Have a look what the booklet for  
Hex(B6D48E) contains.

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**Color**

**Hex(B6D48E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D48E
RGB	182, 212, 142
RGB Percent	71%, 83%, 56%
CMY	0.2863, 0.1686, 0.4431
CMYK	0.14, 0.00, 0.33, 0.17
HSL	86°, 45%, 69%
HSV	86°, 33%, 83%
XYZ	47.7174, 58.9850, 34.4615
YIQ	195.0500, 4.5900, -28.1300

# Conversions

## Conversions Part 2

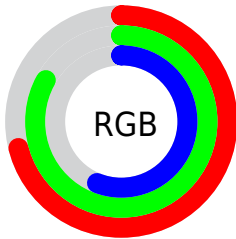
Format	Color
<a href="#">RYB</a>	<a href="#">142, 212, 172</a>
Decimal	<a href="#">11981966</a>
CIELab	<a href="#">81.28, -21.94, 31.43</a>
CIElCh	<a href="#">81, 38.330, 124.910</a>
Yxy	<a href="#">58.9850, 0.3380, 0.4178</a>
Android (android.graphics.Color)	<a href="#">4290172046 (0xFFB6D48E)</a>
YUV	<a href="#">195.0500, -26.1536, -11.4448</a>
Hunter-Lab	<a href="#">76.8017, -23.4999, 27.1574</a>

# Details

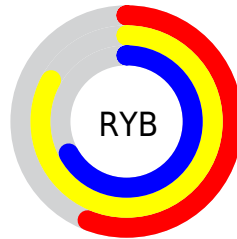
The Hex color **B6D48E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC8ED4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EFFFC4**, and **809D5B** is the 20% darker color. If you saturate the color by 10%, you get **ADD479**, and if you desaturate by 10%, it is **BFD4A3**.

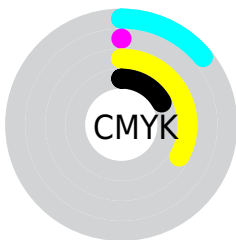
# Distribution



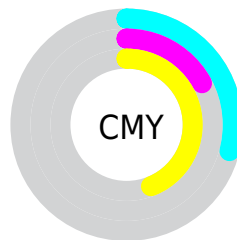
- Red (71%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (83%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6D48E 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 B6D48E by changing the saturation by 10% instead.



 B6D48E

 B6D48E

FFFFFF

 9BB874

 EFFFC4

 809D5B

 FFFFEO

 668343

FFFFFFD

 4D6A2B

 355214

 1E3A00

 042500

 000900

 000000

 B6D48E

 B6D48E

 ADD479

 BFD4A3

 A4D464

 C8D4B8

 9BD44E

 D1D4CE

 92D439

 DAD4E3

 89D424

 E3D4F8

 7FD40F

 EDD4FF

 79D400

 F6D4FF

 FFD4FF

# Harmonies

## Analogous

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



DDCA82



B6D48E



8BDBAA

# Triad

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



B6D48E



6AD6FF



FFAFC5

# Complementary

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



B6D48E



AC8ED4

# 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.



FCB3E9



B6D48E



A2CBFF

# Square

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



B6D48E



4ADCF2



D6BFFF



FFB3A3

# Rectangle

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



B6D48E



6EDDC2



D6BFFF



FFAFD2

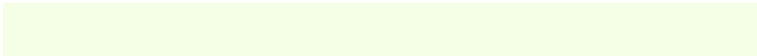


# Sweetspot

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



B6D48E



F4FFE6



D4AB8E



798070



000000



808080

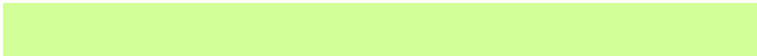


# Same Dimension

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



B6D48E



D3FF99



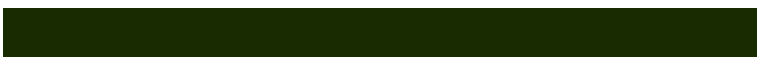
94D48E



676B60



62AB00



192B00



# Inverse Universe

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



AC8ED4



C599FF



CE8ED4



65606B



4900AB



13002B



# Previews

## White Background



This preview shows how the Hex color B6D48E looks on a white background.

## Color Contrast Check

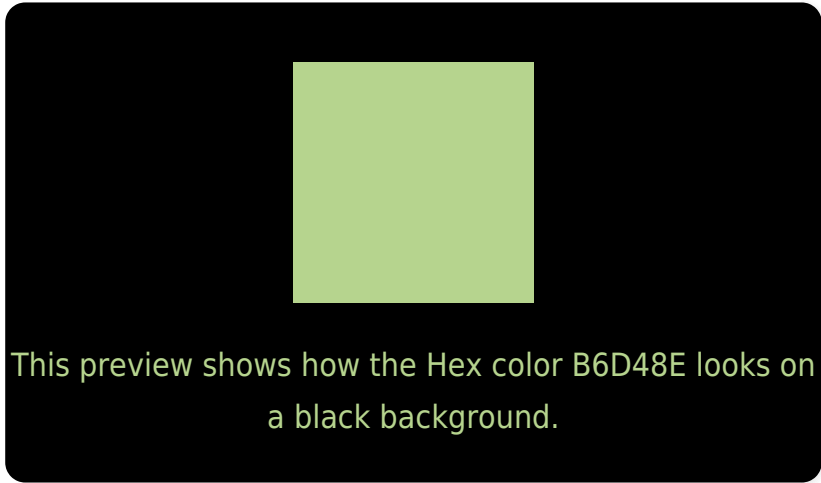
Large Text (above 18pt) WCAG AA × Fail

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

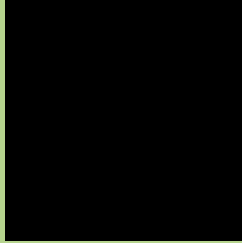
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6D48E Background



This preview shows how black text looks on a background with the Hex color B6D48E.

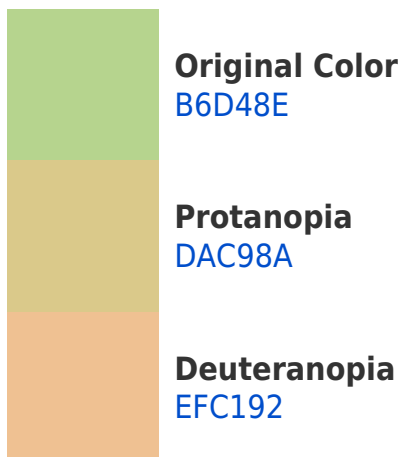


This preview shows how white text looks on a background with the Hex color B6D48E.

# Color Blindness Simulation

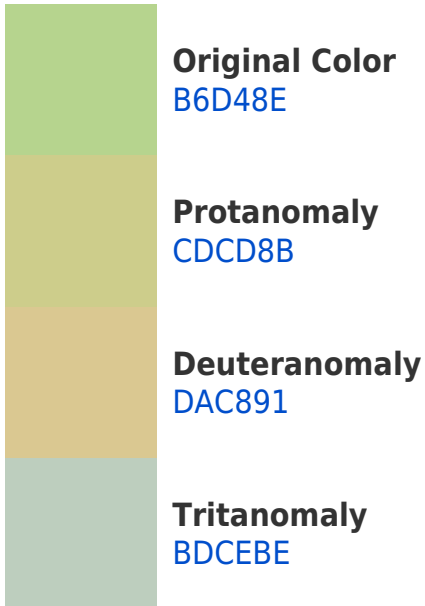
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

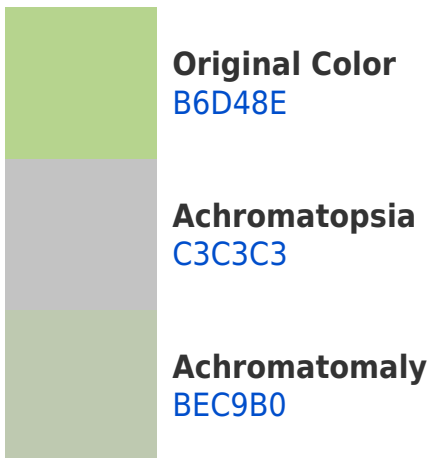




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6D48E 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 #B6D48E looks like.

```
.text, #text, p{  
    color:#B6D48E  
}
```

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 #B6D48E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D48E
}
```

## Border

The CSS property to change the border of an element to Hex B6D48E 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
#B6D48E }
```

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

```
.border{ border-color:#B6D48E }
```

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

Here you see how a box with a 4 pixel #B6D48E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D48E; -webkit-box-shadow:4px 4px  
4px 4px #B6D48E; box-shadow:4px 4px 4px  
4px #B6D48E }
```

# Background

The CSS property to change the background color of an element to Hex B6D48E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D48E }
```

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

```
.background{ background-color:#B6D48E }
```

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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