

# Converting Colors

Hex(B9D88A)

Have a look what the booklet for  
Hex(B9D88A) contains.

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# **Color**

**Hex(B9D88A)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B9D88A                     |
| RGB         | 185, 216, 138              |
| RGB Percent | 73%, 85%, 54%              |
| CMY         | 0.2745, 0.1529, 0.4588     |
| CMYK        | 0.14, 0.00, 0.36, 0.15     |
| HSL         | 84°, 50%, 69%              |
| HSV         | 84°, 36%, 85%              |
| XYZ         | 49.1509, 61.2610, 33.2788  |
| YIQ         | 197.8390, 6.5620, -30.8300 |

# Conversions

## Conversions Part 2

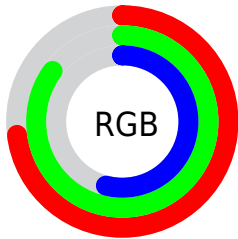
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">138, 216, 169</a>                    |
| Decimal                             | <a href="#">12179594</a>                         |
| CIELab                              | <a href="#">82.52, -23.32, 35.14</a>             |
| CIELCh                              | <a href="#">83, 42.174, 123.570</a>              |
| Yxy                                 | <a href="#">61.2610, 0.3421,<br/>0.4263</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290369674<br/>(0xFFB9D88A)</a>      |
| YUV                                 | <a href="#">197.8390, -29.5006,<br/>-11.2598</a> |
| Hunter-Lab                          | <a href="#">78.2694, -24.8787,<br/>29.5795</a>   |

# Details

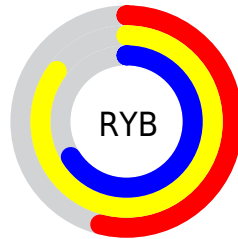
The Hex color **B9D88A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A98AD8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F2FFC0**, and **83A157** is the 20% darker color. If you saturate the color by 10%, you get **B0D874**, and if you desaturate by 10%, it is **C2D8A0**.

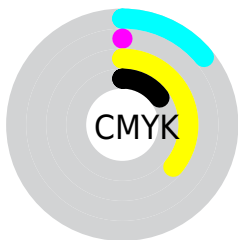
# Distribution



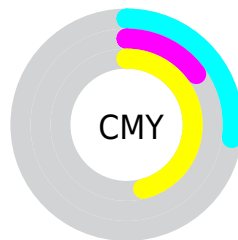
- Red (73%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (66%)



- Cyan (14%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D88A 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 B9D88A by changing the saturation by 10% instead.



 B9D88A

 B9D88A

FFFFFF

 9EBC70

 F2FFC0

 83A157

 FFFFDC

 69873E

 FFFFF9

 4F6D26

 37550E

 1F3D00

 052700

 001000

 000000

 B9D88A

 B9D88A

 B0D874

 C2D8A0

 A8D85F

 CAD8B5

 9FD849

 D3D8CB

 97D834

 DBD8E0

 8ED81E

 E4D8F6

 85D808

 EDD8FF

 82D800

 F5D8FF

 FED8FF

 FFD8FF

# Harmonies

## Analogous

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



E3CD7E



B9D88A



89E0A9

# Triad

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



B9D88A



58DBFF



FFAFCA

# Complementary

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



B9D88A



A98AD8

# Split Complementary

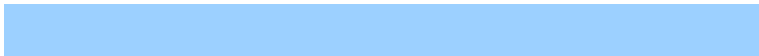
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4F1



B9D88A



9CD0FF

# Square

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



B9D88A



2CE1F8



D8C1FF



FFB3A4

# Rectangle

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



B9D88A



67E2C3



D8C1FF



FFAFD8



# Sweetspot

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



B9D88A



F4FFE3



D8A88A



79806F



000000



808080

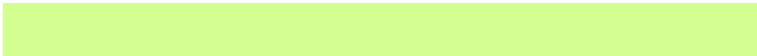


# Same Dimension

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



B9D88A



D3FF91



93D88A



676B60



67AB00



1A2B00



# Inverse Universe

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



A98AD8



BD91FF



CF8AD8



65606B



4400AB



11002B



# Previews

## White Background



This preview shows how the Hex color B9D88A looks on a white background.

## Color Contrast Check

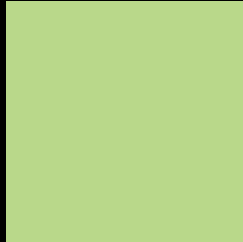
Large Text (above 18pt) WCAG AA × Fail

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 B9D88A 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 B9D88A Background



This preview shows how black text looks on a background with the Hex color B9D88A.

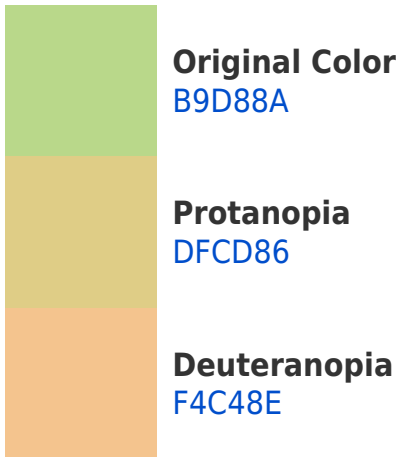


This preview shows how white text looks on a background with the Hex color B9D88A.

# Color Blindness Simulation

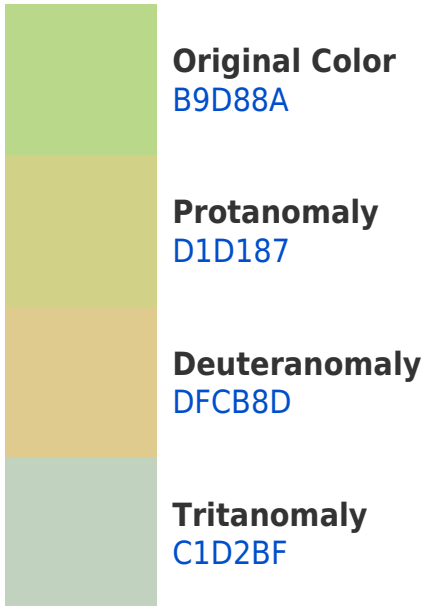
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

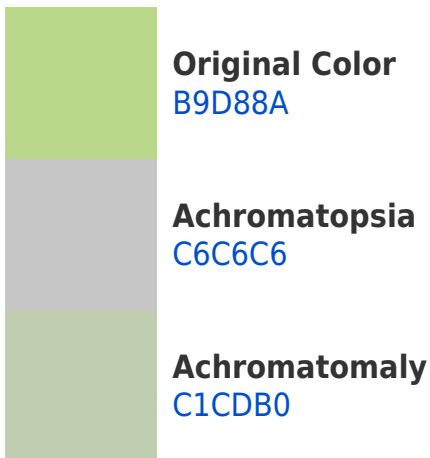




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D88A 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 #B9D88A looks like.

```
.text, #text, p{  
    color:#B9D88A  
}
```

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 #B9D88A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D88A
}
```

## Border

The CSS property to change the border of an element to Hex B9D88A 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
#B9D88A }
```

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

```
.border{ border-color:#B9D88A }
```

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

Here you see how a box with a 4 pixel #B9D88A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D88A; -webkit-box-shadow:4px 4px  
4px 4px #B9D88A; box-shadow:4px 4px 4px  
4px #B9D88A }
```

# Background

The CSS property to change the background color of an element to Hex B9D88A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D88A }
```

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

```
.background{ background-color:#B9D88A }
```

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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