

# Converting Colors

Hex(BBDB82)

Have a look what the booklet for  
Hex(BBDB82) contains.

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**Color**

**Hex(BBDB82)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBDB82
RGB	187, 219, 130
RGB Percent	73%, 86%, 51%
CMY	0.2667, 0.1412, 0.4902
CMYK	0.15, 0.00, 0.41, 0.14
HSL	82°, 55%, 68%
HSV	82°, 41%, 86%
XYZ	49.8543, 62.8395, 30.6207
YIQ	199.2860, 9.4970, -34.4630

# Conversions

## Conversions Part 2

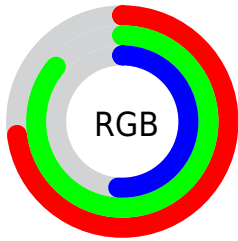
Format	Color
<a href="#">RYB</a>	<a href="#">130, 219, 162</a>
Decimal	<a href="#">12311426</a>
CIELab	<a href="#">83.36, -25.03, 40.27</a>
CIELCh	<a href="#">83, 47.419, 121.863</a>
Yxy	<a href="#">62.8395, 0.3479, 0.4385</a>
Android (android.graphics.Color)	<a href="#">4290501506 (0xFFBBDB82)</a>
YUV	<a href="#">199.2860, -34.1580, -10.7748</a>
Hunter-Lab	<a href="#">79.2714, -26.4651, 32.5876</a>

# Details

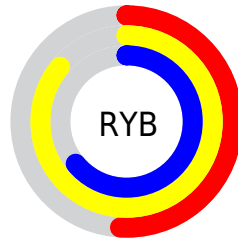
The Hex color **BBDB82** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A282DB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F4FFB8**, and **84A44F** is the 20% darker color. If you saturate the color by 10%, you get **B3DB6C**, and if you desaturate by 10%, it is **C3DB98**.

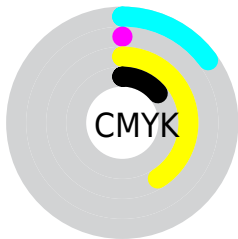
# Distribution



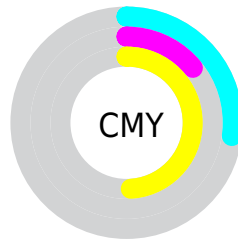
- Red (73%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBDB82 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 BBDB82 by changing the saturation by 10% instead.



 BBDB82

 BBDB82

FFFFFF

 9FBF68

 F4FFB8

 84A44F

 FFFFD4

 6A8A36

 FFFFF1

 50701D

 375700

 204000

 032A00

 001400

 000000

 BBDB82

 BBDB82

 B3DB6C

 C3DB98

 ABDB56

 CBDBAE

 A3DB40

 D3DBC4

 9CDB2A

 DADBDA

 94DB15

 E2DBF0

 8CDB00

 EADBFF

 F2DBFF

 FADBFF

 FFDBFF

# Harmonies

## Analogous

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



EACE75



BBDB82



84E4A4

# Triad

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



BBDB82



2CDFFF



FFACCF

# Complementary

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



BBDB82



A282DB

# 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.



FFB4FB



BBDB82



90D3FF

# Square

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



BBDB82



00E6FD



D8C3FF



FFB1A3

# Rectangle

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



BBDB82



58E7C2



D8C3FF



FFADDE

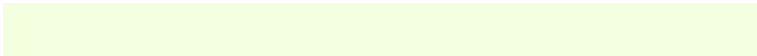


# Sweetspot

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



BBDB82



F4FFE0



DBA182



79806E



000000



808080

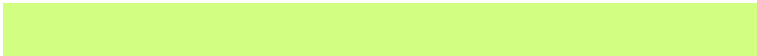


# Same Dimension

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



BBDB82



D2FF82



8FDB82



6A6E63



6FAD00



1D2E00



# Inverse Universe

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



A282DB



AF82FF



CE82DB



67636E



3E00AD



11002E



# Previews

## White Background



This preview shows how the Hex color BBDB82 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 BBDB82 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

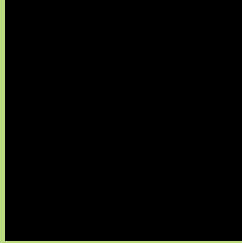
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBDB82 Background



This preview shows how black text looks on a background with the Hex color BBDB82.

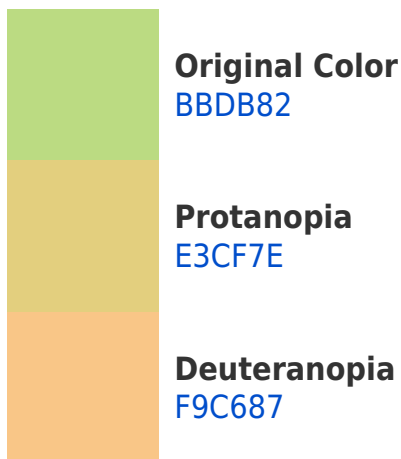


This preview shows how white text looks on a background with the Hex color BBDB82.

# 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](#).

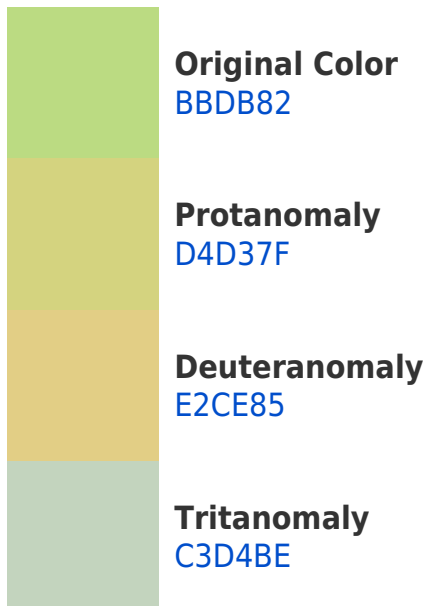
## Dichromacy



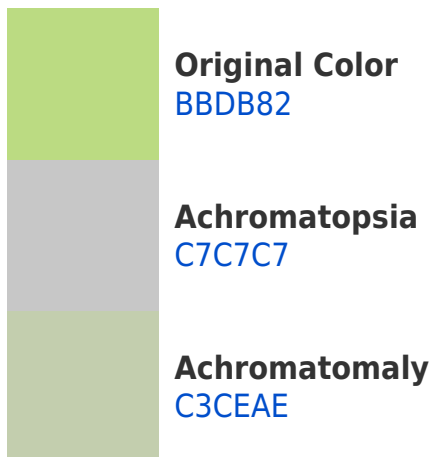


**Tritanopia**  
C8D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBDB82 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 #BBDB82 looks like.

```
.text, #text, p{  
    color:#BBDB82  
}
```

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 #BBDB82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDB82
}
```

## Border

The CSS property to change the border of an element to Hex BBDB82 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
#BBDB82 }
```

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

```
.border{ border-color:#BBDB82 }
```

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

Here you see how a box with a 4 pixel #BBDB82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDB82; -webkit-box-shadow:4px 4px  
4px 4px #BBDB82; box-shadow:4px 4px 4px  
4px #BBDB82 }
```

# Background

The CSS property to change the background color of an element to Hex BBDB82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDB82 }
```

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

```
.background{ background-color:#BBDB82 }
```

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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