

# Converting Colors

Hex(BDEA82)

Have a look what the booklet for  
Hex(BDEA82) contains.

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# **Color**

**Hex(BDEA82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDEA82
RGB	189, 234, 130
RGB Percent	74%, 92%, 51%
CMY	0.2588, 0.0824, 0.4902
CMYK	0.19, 0.00, 0.44, 0.08
HSL	86°, 71%, 71%
HSV	86°, 44%, 92%
XYZ	54.4383, 71.2762, 32.0076
YIQ	208.6890, 6.5640, -41.8840

# Conversions

## Conversions Part 2

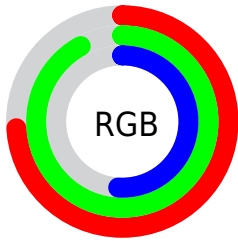
Format	Color
<a href="#">RYB</a>	<a href="#">130, 234, 175</a>
Decimal	<a href="#">12446338</a>
CIELab	<a href="#">87.62, -31.40, 45.67</a>
CIELCh	<a href="#">88, 55.424, 124.510</a>
Yxy	<a href="#">71.2762, 0.3452, 0.4519</a>
Android (android.graphics.Color)	<a href="#">4290636418</a> ( <a href="#">0xFFBDEA82</a> )
YUV	<a href="#">208.6890, -38.7937, -17.2673</a>
Hunter-Lab	<a href="#">84.4252, -32.6453, 36.6194</a>

# Details

The Hex color **BDEA82** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AF82EA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F7FFB8**, and **86B24E** is the 20% darker color. If you saturate the color by 10%, you get **B3EA6B**, and if you desaturate by 10%, it is **C7EA99**.

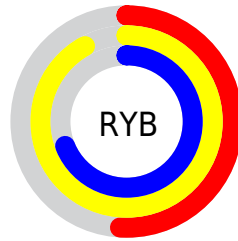
# Distribution



Red (74%)

Green (92%)

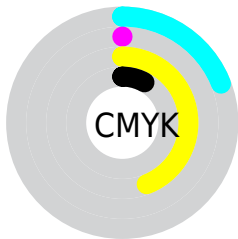
Blue (51%)



Red (51%)

Yellow (92%)

Blue (69%)

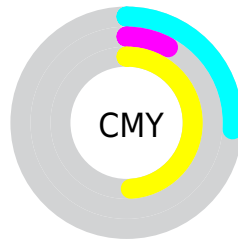


Cyan (19%)

Magenta (0%)

Yellow (44%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDEA82 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 BDEA82 by changing the saturation by 10% instead.



 BDEA82

 BDEA82

FFFFFF

 A1CE68

 F7FFB8

 86B24E

 FFFFD5

 6B9734

 FFFFF1

 517D1A

 366400

 1D4C00

 003400

 002100

 000000

 BDEA82

 BDEA82

 B3EA6B

 C7EA99

 A9EA53

 D1EAB1

 9FEA3C

 DBEAC8

 95EA24

 E5EAE0

 8AEA0D

 F0EAF7

 85EA00

 FAEAFF

 FFEAFF

# Harmonies

## Analogous

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



F4DB70



BDEA82



79F3AC

# Triad

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



BDEA82



00EDFF



FFB0D6

# Complementary

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



BDEA82



AF82EA

# Split Complementary

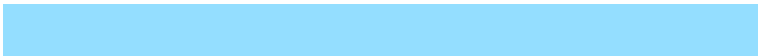
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



BDEA82



94DEFF

# Square

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



BDEA82



00F5FF



EBCBFF



FFB7A3

# Rectangle

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



BDEA82



30F6D0



EBCBFF



FFB1E8

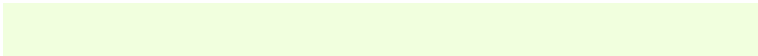


# Sweetspot

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



BDEA82



F1FFDE



EAAD82



77806B



000000



808080

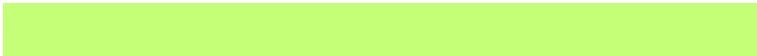


# Same Dimension

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



BDEA82



C5FF78



8BEA82



70756A



67B500



1E3600



# Inverse Universe

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



AF82EA



B278FF



E182EA



6F6A75



4E00B5



170036



# Previews

## White Background



This preview shows how the Hex color BDEA82 looks on a white background.

## Color Contrast Check

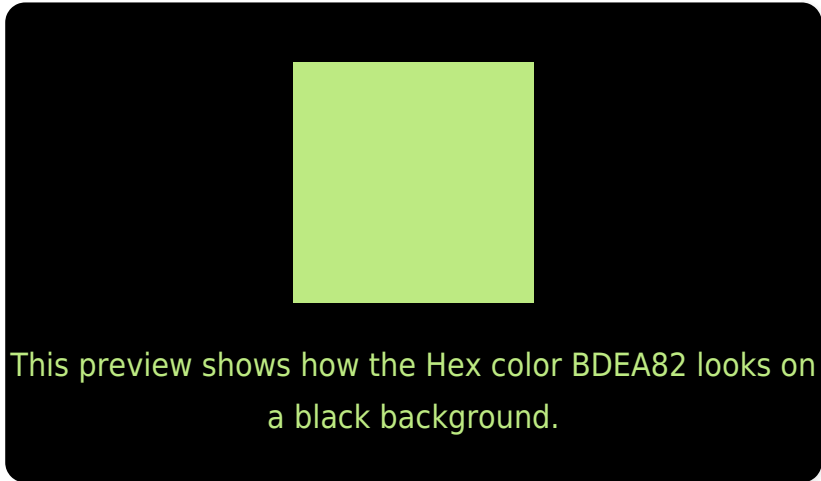
Large Text (above 18pt) WCAG AA × Fail

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 BDEA82 Background



This preview shows how black text looks on a background with the Hex color BDEA82.

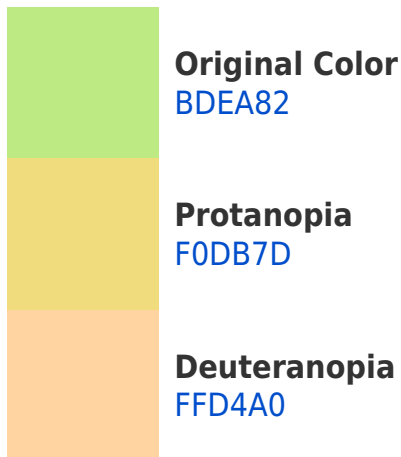


This preview shows how white text looks on a background with the Hex color BDEA82.

# Color Blindness Simulation

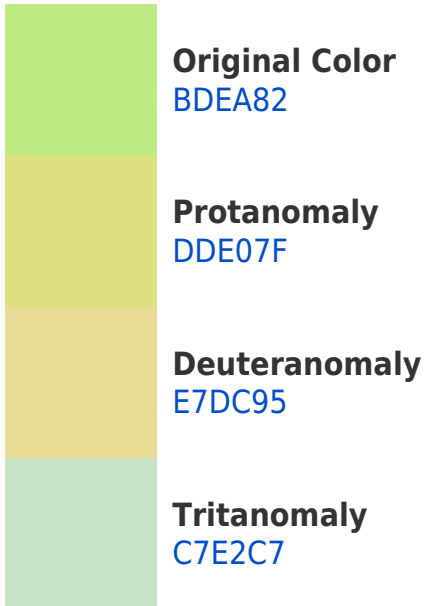
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

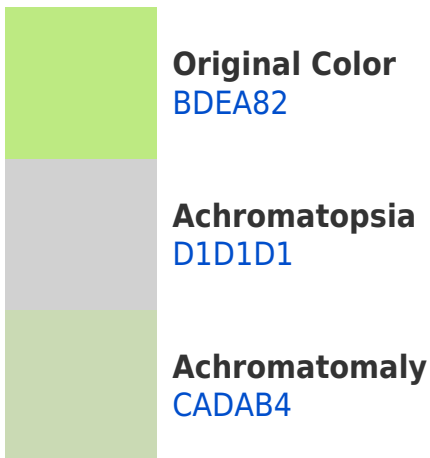




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDEA82 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 #BDEA82 looks like.

```
.text, #text, p{  
    color:#BDEA82  
}
```

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 #BDEA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEA82
}
```

## Border

The CSS property to change the border of an element to Hex BDEA82 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
#BDEA82 }
```

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

```
.border{ border-color:#BDEA82 }
```

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

Here you see how a box with a 4 pixel #BDEA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEA82; -webkit-box-shadow:4px 4px  
4px 4px #BDEA82; box-shadow:4px 4px 4px  
4px #BDEA82 }
```

# Background

The CSS property to change the background color of an element to Hex BDEA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEA82 }
```

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

```
.background{ background-color:#BDEA82 }
```

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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