

Converting Colors

Hex(BBDA7F)

Have a look what the booklet for
Hex(BBDA7F) contains.

Hex(BBDA7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BBDA7F)

Conversions

Conversions Part 1

Format	Color
Hex	BBDA7F
RGB	187, 218, 127
RGB Percent	73%, 85%, 50%
CMY	0.2667, 0.1451, 0.5020
CMYK	0.14, 0.00, 0.42, 0.15
HSL	80°, 55%, 68%
HSV	80°, 42%, 85%
XYZ	49.3957, 62.2399, 29.4887
YIQ	198.3570, 10.7350, -34.8730

Conversions

Conversions Part 2

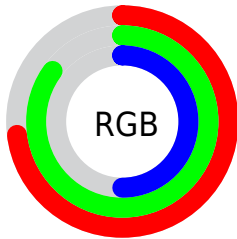
Format	Color
RYB	127, 218, 158
Decimal	12311167
CIELab	83.04, -24.91, 41.36
CIELCh	83, 48.281, 121.054
Yxy	62.2399, 0.3500, 0.4410
Android (android.graphics.Color)	4290501247 (0xFFBBDA7F)
YUV	198.3570, -35.1790, -9.9601
Hunter-Lab	78.8923, -26.2998, 33.0629

Details

The Hex color **BBDA7F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E7FDA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F4FFB5**, and **84A34C** is the 20% darker color. If you saturate the color by 10%, you get **B4DA69**, and if you desaturate by 10%, it is **C2DA95**.

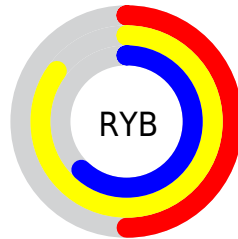
Distribution



Red (73%)

Green (85%)

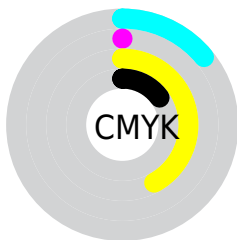
Blue (50%)



Red (50%)

Yellow (85%)

Blue (62%)

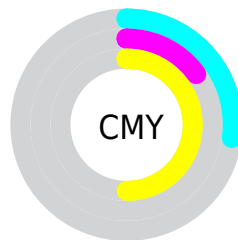


Cyan (14%)

Magenta (0%)

Yellow (42%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBDA7F 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 BBDA7F by changing the saturation by 10% instead.

 BBDA7F

FFFFFF

 F4FFB5

 FFFFD1

 FFFFEE

 BBDA7F

 9FBE65

 84A34C

 6A8933

 506F19

 375700

 1F3F00

 022900

 001300

 000000

 BBDA7F

 BBDA7F

 B4DA69

 C2DA95

 ACDA53

 CADAAB

 A5DA3E

 D1DAC0

 9DDA28

 D9DAD6

 96DA12

 E0DAEC

 90DA00

 E8DAFF

 EFDAFF

 F6DAFF

 FEDAFF

Harmonies

Analogous

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



EACD73



BBDA7F



83E3A1

Triad

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



BBDA7F



13DFFF



FFABCF

Complementary

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



BBDA7F



9E7FDA

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.



FFB3FC



BBDA7F



8BD3FF

Square

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



BBDA7F



00E6FC



D5C2FF



FFAFA2

Rectangle

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



BBDA7F



55E6BF



D5C2FF



FFACDE

Sweetspot

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



BBDA7F



F4FFDE



DA9D7F



79806B



000000



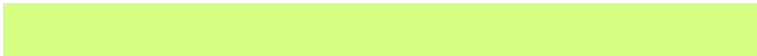
808080

Same Dimension

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



BBD47F



D4FF80



8EDA7F



6A6E63



72AD00



1E2E00

Inverse Universe

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



9E7FDA



AB80FF



CB7FDA



66636E



3B00AD



10002E

Previews

White Background



This preview shows how the Hex color BBDA7F 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 BBDA7F 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 BBDA7F Background



This preview shows how black text looks on a background with the Hex color BBDA7F.

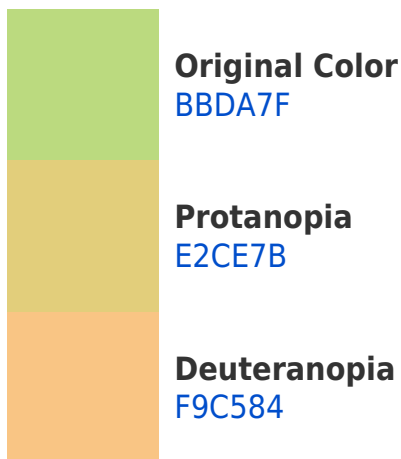


This preview shows how white text looks on a background with the Hex color BBDA7F.

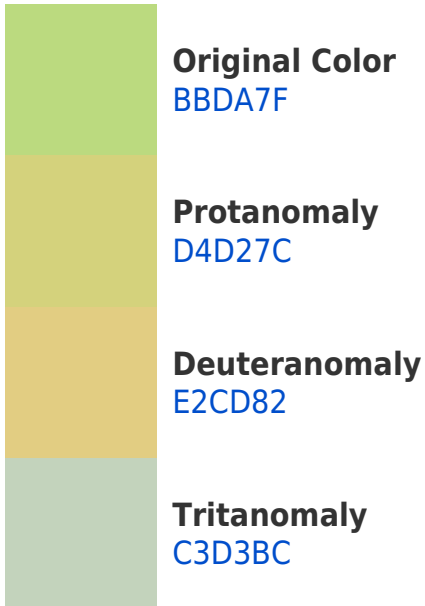
Color Blindness Simulation

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](#).

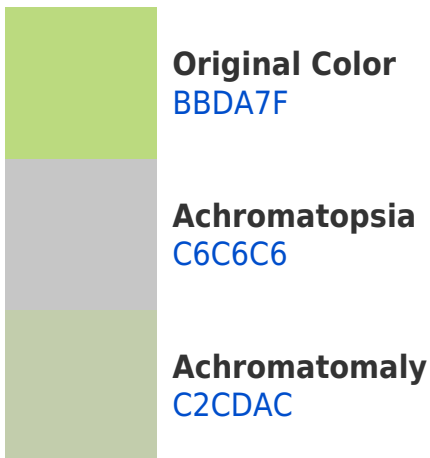
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBDA7F 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 #BBDA7F looks like.

```
.text, #text, p{  
    color:#BBDA7F  
}
```

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 #BBDA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDA7F
}
```

Border

The CSS property to change the border of an element to Hex BBDA7F 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
#BBDA7F }
```

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

```
.border{ border-color:#BBDA7F }
```

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

Here you see how a box with a 4 pixel #BBDA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDA7F; -webkit-box-shadow:4px 4px  
4px 4px #BBDA7F; box-shadow:4px 4px 4px  
4px #BBDA7F }
```

Background

The CSS property to change the background color of an element to Hex BBDA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDA7F }
```

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

```
.background{ background-color:#BBDA7F }
```

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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