

Converting Colors

Hex(BBDA72)

Have a look what the booklet for
Hex(BBDA72) contains.

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Color

Hex(BBDA72)

Conversions

Conversions Part 1

Format	Color
Hex	BBDA72
RGB	187, 218, 114
RGB Percent	73%, 85%, 45%
CMY	0.2667, 0.1451, 0.5529
CMYK	0.14, 0.00, 0.48, 0.15
HSL	78°, 58%, 65%
HSV	78°, 48%, 85%
XYZ	48.6022, 61.9225, 25.3102
YIQ	196.8750, 14.9080, -38.9160

Conversions

Conversions Part 2

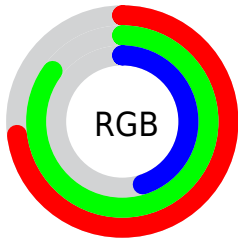
Format	Color
RYB	114, 218, 145
Decimal	12311154
CIELab	82.87, -26.34, 47.50
CIELCh	83, 54.313, 119.014
Yxy	61.9225, 0.3578, 0.4559
Android (android.graphics.Color)	4290501234 (0xFFBBDA72)
YUV	196.8750, -40.8574, -8.6604
Hunter-Lab	78.6909, -27.4612, 36.0135

Details

The Hex color **BBDA72** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9172DA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F5FFA8**, and **84A33E** is the 20% darker color. If you saturate the color by 10%, you get **B5DA5C**, and if you desaturate by 10%, it is **C1DA88**.

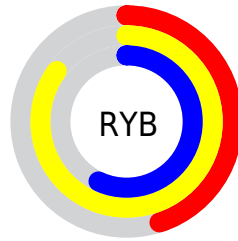
Distribution



Red (73%)

Green (85%)

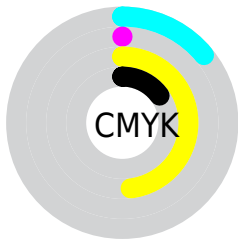
Blue (45%)



Red (45%)

Yellow (85%)

Blue (57%)

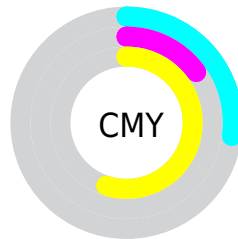


Cyan (14%)

Magenta (0%)

Yellow (48%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBDA72 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 BBDA72 by changing the saturation by 10% instead.

 BBDA72

 BBDA72

FFFFFF

 9FBE58

 F5FFA8

 84A33E

 FFFFC4

 698924

 FFFFEO

 4F6F03

FFFFFFD

 355700

 1C3F00

 002900

 001200

 000000

 BBDA72

 BBDA72

 B5DA5C

 C1DA88

 AEDA46

 C8DA9E

 A8DA31

 CEDAB3

 A1DA1B

 D5DAC9

 9BDA05

 DBDADF

 99DA00

 E2DAF5

 E8DAFF

 EFD AFF

 F5DAFF

Harmonies

Analogous

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



EFCB66



BBDA72



7BE498

Triad

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



BBDA72



00E1FF



FFA4D2

Complementary

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



BBDA72



9172DA

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.



FFAFFF



BBDA72



73D4FF

Square

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



BBDA72



00E8FE



D0C2FF



FFA9A0

Rectangle

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



BBDA72



3DE7B9



D0C2FF



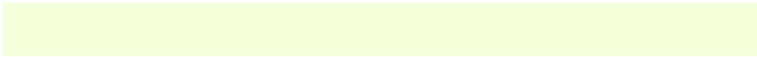
FFA6E3

Sweetspot

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



BBDA72



F4FFDB



DA8F72



79806A



000000



808080

Same Dimension

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



BBDA72



D4FF6E



89DA72



6A6E63



7AAD00



202E00

Inverse Universe

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



9172DA



996EFF



C372DA



66636E



3400AD



0E002E

Previews

White Background



This preview shows how the Hex color BBDA72 looks on a white background.

Color Contrast Check

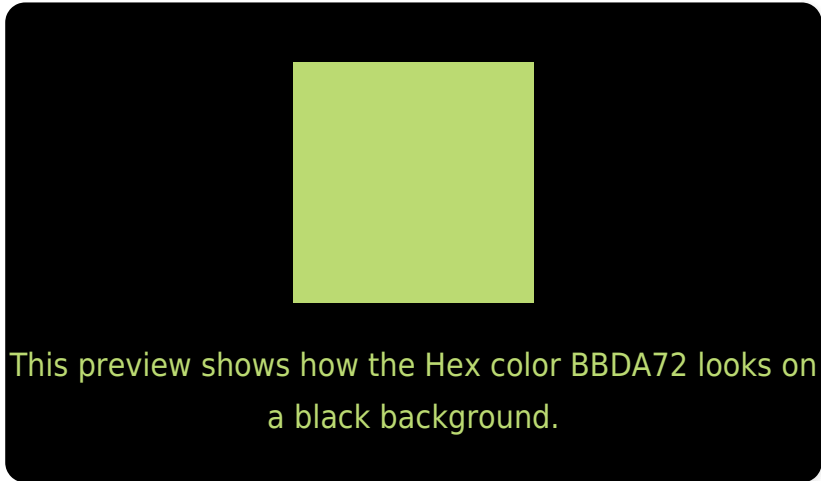
Large Text (above 18pt) WCAG AA × Fail

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 BBDA72 Background



This preview shows how black text looks on a background with the Hex color BBDA72.

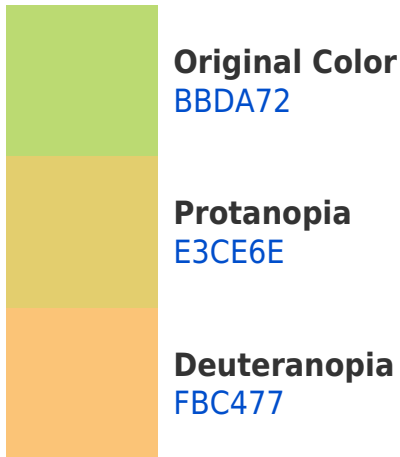


This preview shows how white text looks on a background with the Hex color BBDA72.

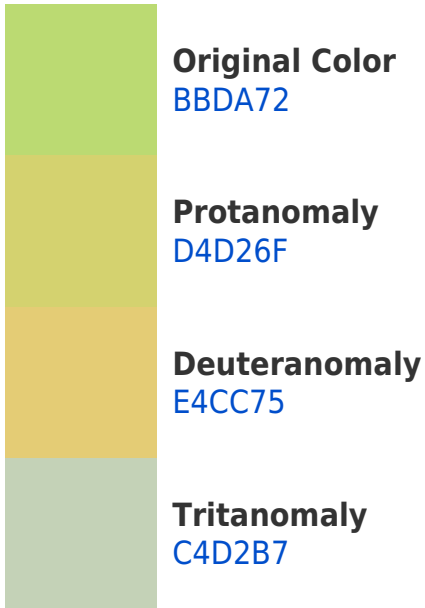
Color Blindness Simulation

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](#).

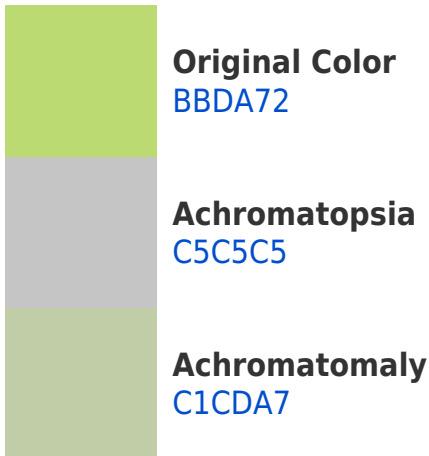
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBDA72 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 #BBDA72 looks like.

```
.text, #text, p{  
    color:#BBDA72  
}
```

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 #BBDA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDA72
}
```

Border

The CSS property to change the border of an element to Hex BBDA72 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
#BBDA72 }
```

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

```
.border{ border-color:#BBDA72 }
```

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

Here you see how a box with a 4 pixel #BBDA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDA72; -webkit-box-shadow:4px 4px  
4px 4px #BBDA72; box-shadow:4px 4px 4px  
4px #BBDA72 }
```

Background

The CSS property to change the background color of an element to Hex BBDA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDA72 }
```

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

```
.background{ background-color:#BBDA72 }
```

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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