

Converting Colors

Hex(BDDF4D)

Have a look what the booklet for
Hex(BDDF4D) contains.

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Color

Hex(BDDF4D)

Conversions

Conversions Part 1

Format	Color
Hex	BDDF4D
RGB	189, 223, 77
RGB Percent	74%, 87%, 30%
CMY	0.2588, 0.1255, 0.6980
CMYK	0.15, 0.00, 0.65, 0.13
HSL	74°, 70%, 59%
HSV	74°, 65%, 87%
XYZ	48.7135, 64.1300, 16.8320
YIQ	196.1900, 26.6020, -52.6140

Conversions

Conversions Part 2

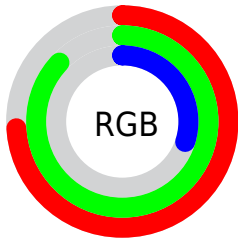
Format	Color
RYB	77, 223, 111
Decimal	12443469
CIELab	84.03, -31.04, 65.13
CIELCh	84, 72.152, 115.483
Yxy	64.1300, 0.3757, 0.4945
Android (android.graphics.Color)	4290633549 (0xFFBDDDF4D)
YUV	196.1900, -58.7607, -6.3056
Hunter-Lab	80.0812, -31.5603, 43.5949

Details

The Hex color **BDDF4D** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6F4DDF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F8FF85**, and **84A806** is the 20% darker color. If you saturate the color by 10%, you get **B8DF37**, and if you desaturate by 10%, it is **C2DF63**.

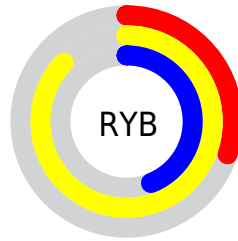
Distribution



Red (74%)

Green (87%)

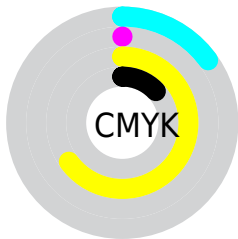
Blue (30%)



Red (30%)

Yellow (87%)

Blue (44%)

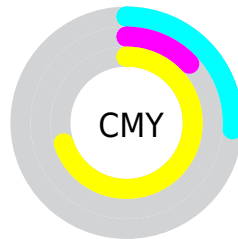


Cyan (15%)

Magenta (0%)

Yellow (65%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDDF4D 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 BDDF4D by changing the saturation by 10% instead.

 BDDF4D

 BDDF4D

FFFFFF

 A0C330

 F8FF85

 84A806

 FFFFA1

 688D00

 FFFFBD

 4D7400

 FFFFDA

 325B00

 FFFFF7

 134300

 002C00

 001700

 000000

 BDDF4D

 BDDF4D

 B8DF37

 C2DF63

 B3DF20

 C7DF7A

 ADDF0A

 CDDF90

 ABDF00

 D2DFA6

 D7DFBD

 DCDFD3

 E1DFE9

 E7DFFF

 ECDFFF

Harmonies

Analogous

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



FFCB40



BDDF4D



63EC81

Triad

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



BDDF4D



00ECFF



FF94DF

Complementary

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



BDDF4D



6F4DDF

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.



FFA7FF



BDDF4D



00DCFF

Square

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



BDDF4D



00F2FF



C2C4FF



FF999B

Rectangle

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



BDDF4D



00F1AD



C2C4FF



FF98F6

Sweetspot

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



BDDF4D



F3FFCC



DF6D4D



788061



000000



808080

Same Dimension

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



BDDF4D



D0FF36



76DF4D



6E7065



87B000



253000

Inverse Universe

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



6F4DDF



6436FF



B64DDF



686570



2900B0



0B0030

Previews

White Background



This preview shows how the Hex color BDDF4D looks on a white background.

Color Contrast Check

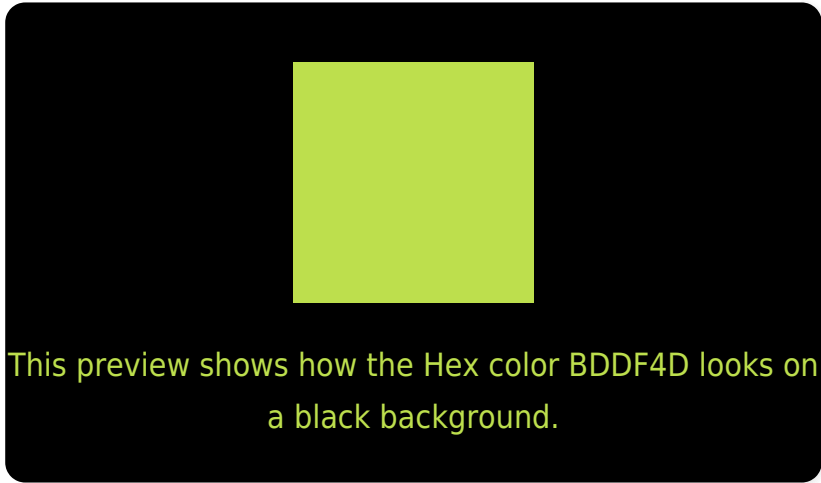
Large Text (above 18pt) WCAG AA × Fail

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 BDDF4D Background



This preview shows how black text looks on a background with the Hex color BDDF4D.

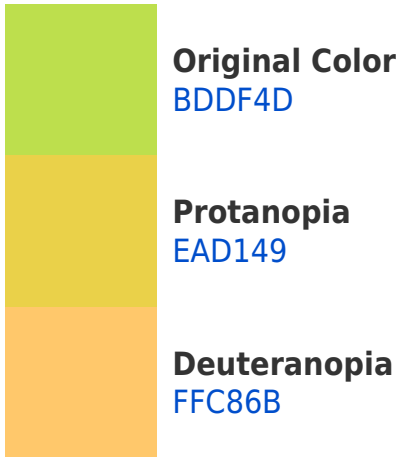


This preview shows how white text looks on a background with the Hex color BDDF4D.

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](#).

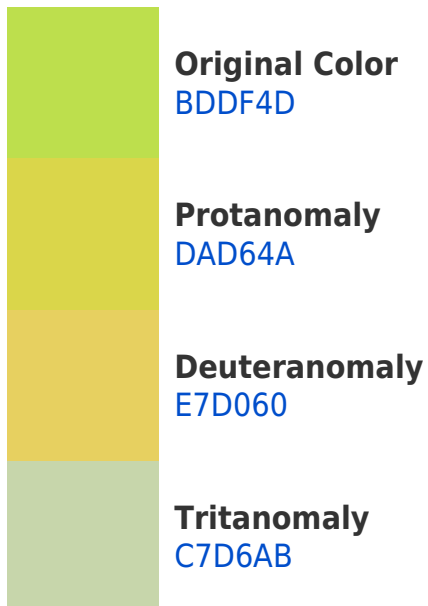
Dichromacy





Tritanopia
CDD1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDDF4D 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 #BDDF4D looks like.

```
.text, #text, p{  
    color:#BDDF4D  
}
```

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 #BDDF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDF4D
}
```

Border

The CSS property to change the border of an element to Hex BDDF4D 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
#BDDF4D }
```

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

```
.border{ border-color:#BDDF4D }
```

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

Here you see how a box with a 4 pixel #BDDF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDF4D; -webkit-box-shadow:4px 4px  
4px 4px #BDDF4D; box-shadow:4px 4px 4px  
4px #BDDF4D }
```

Background

The CSS property to change the background color of an element to Hex BDDF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDF4D }
```

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

```
.background{ background-color:#BDDF4D }
```

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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