

Converting Colors

Hex(BBDF30)

Have a look what the booklet for
Hex(BBDF30) contains.

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Color

Hex(BBDF30)

Conversions

Conversions Part 1

Format	Color
Hex	BBDF30
RGB	187, 223, 48
RGB Percent	73%, 87%, 19%
CMY	0.2667, 0.1255, 0.8118
CMYK	0.16, 0.00, 0.78, 0.13
HSL	72°, 73%, 53%
HSV	72°, 78%, 87%
XYZ	47.4147, 63.5535, 12.5643
YIQ	192.2860, 34.7190, -62.0570

Conversions

Conversions Part 2

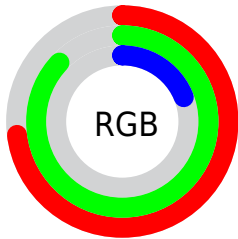
Format	Color
RYB	48, 223, 84
Decimal	12312368
CIELab	83.73, -33.34, 74.58
CIELCh	84, 81.694, 114.083
Yxy	63.5535, 0.3838, 0.5145
Android (android.graphics.Color)	4290502448 (0xFFBBDF30)
YUV	192.2860, -71.1330, -4.6358
Hunter-Lab	79.7205, -33.3459, 46.4599

Details

The Hex color **BBDF30** is a light color, and the websafe version is hex **99CC00**. The color can be described as light muted chartreuse. A complement of this color would be **5430DF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F7FF6D**, and **81A800** is the 20% darker color. If you saturate the color by 10%, you get **B6DF1A**, and if you desaturate by 10%, it is **C0DF46**.

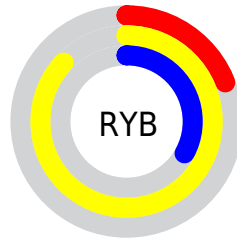
Distribution



Red (73%)

Green (87%)

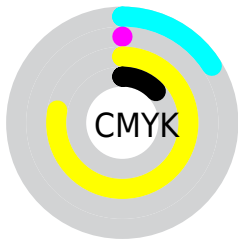
Blue (19%)



Red (19%)

Yellow (87%)

Blue (33%)

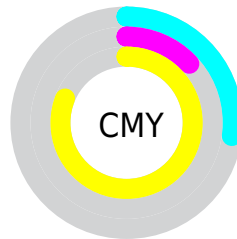


Cyan (16%)

Magenta (0%)

Yellow (78%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBDF30 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 BBDF30 by changing the saturation by 10% instead.

 BBDF30

 BBDF30

FFFFFF

 9EC300

 F7FF6D

 81A800

 FFFF8A

 658D00


 FFFFA6

 497400

 FFFF83

 2C5B00

 FFFFE1

 094300

 002C00

 001500

 000000

 BBDF30

 BBDF30

 B6DF1A

 C0DF46

 B2DF03

 C4DF5D

 B1DF00

 C9DF73

 CDDF89

 D2DFA0

 D7DFB6

 DBDFCC

 E0DFE2

 E4DFF9

Harmonies

Analogous

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



FFC81E



BBDF30



50ED71

Triad

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



BBDF30



00EEFF



FF87E3

Complementary

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



BBDF30



5430DF

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.



FFA0FF



BBDF30



00DEFF

Square

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



BADF30



00F5FF



B4C3FF



FF8C97

Rectangle

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



BBD330



00E2A4



B4C3FF



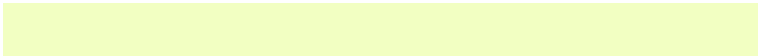
FF8DFD

Sweetspot

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



BBDFF30



F2FFC2



DF5330



78805B



000000



808080

Same Dimension

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



BBDF30



CEFF0F



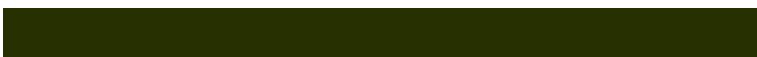
65DF30



6E7065



8CB000



263000

Inverse Universe

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



5430DF



410FFF



AB30DF



676570



2400B0



0A0030

Previews

White Background



This preview shows how the Hex color BBDF30 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 BBDF30 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 BBDF30 Background



This preview shows how black text looks on a background with the Hex color BBDF30.

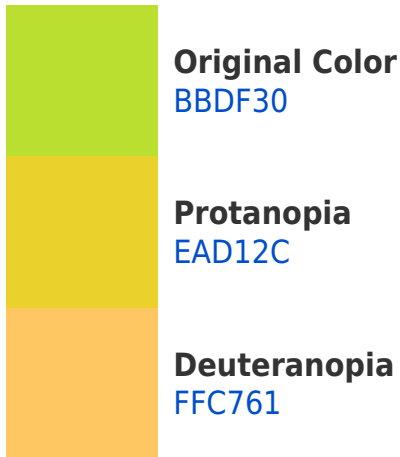


This preview shows how white text looks on a background with the Hex color BBDF30.

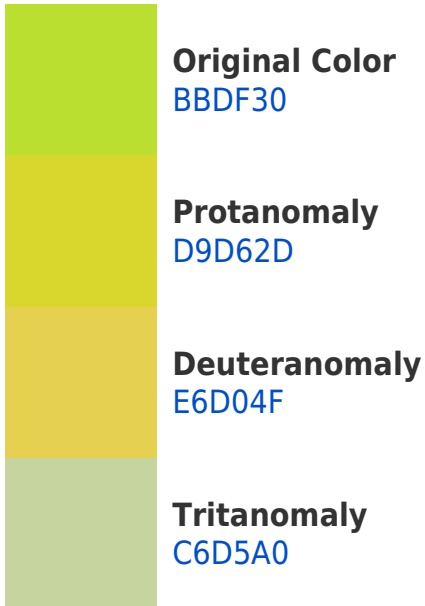
Color Blindness Simulation

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 BBDF30 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 #BBDF30 looks like.

```
.text, #text, p{  
    color:#BBDF30  
}
```

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 #BBDF30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDF30
}
```

Border

The CSS property to change the border of an element to Hex BBDF30 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
#BBDF30 }
```

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

```
.border{ border-color:#BBDF30 }
```

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

Here you see how a box with a 4 pixel #BBDF30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDF30; -webkit-box-shadow:4px 4px  
4px 4px #BBDF30; box-shadow:4px 4px 4px  
4px #BBDF30 }
```

Background

The CSS property to change the background color of an element to Hex BBDF30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDF30 }
```

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

```
.background{ background-color:#BBDF30 }
```

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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