

Converting Colors

Hex(B3BD64)

Have a look what the booklet for
Hex(B3BD64) contains.

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Color

Hex(B3BD64)

Conversions

Conversions Part 1

Format	Color
Hex	B3BD64
RGB	179, 189, 100
RGB Percent	70%, 74%, 39%
CMY	0.2980, 0.2588, 0.6078
CMYK	0.05, 0.00, 0.47, 0.26
HSL	67°, 40%, 57%
HSV	67°, 47%, 74%
XYZ	39.0883, 46.8990, 19.0488
YIQ	175.8640, 22.6090, -29.7990

Conversions

Conversions Part 2

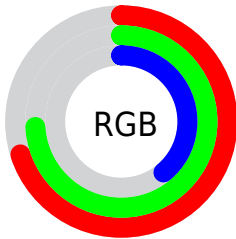
Format	Color
RYB	100, 189, 110
Decimal	11779428
CIELab	74.13, -16.64, 43.53
CIElCh	74, 46.604, 110.925
Yxy	46.8990, 0.3721, 0.4465
Android (android.graphics.Color)	4289969508 (0xFFB3BD64)
YUV	175.8640, -37.4010, 2.7503
Hunter-Lab	68.4828, -17.9617, 31.4462

Details

The Hex color **B3BD64** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E64BD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ECF599**, and **7C8832** is the 20% darker color. If you saturate the color by 10%, you get **B1BD51**, and if you desaturate by 10%, it is **B5BD77**.

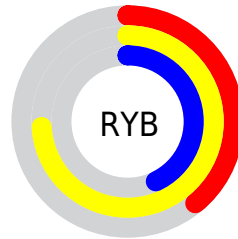
Distribution



Red (70%)

Green (74%)

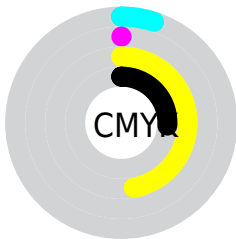
Blue (39%)



Red (39%)

Yellow (74%)

Blue (43%)

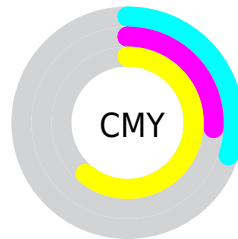


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3BD64 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 B3BD64 by changing the saturation by 10% instead.

 B3BD64

 B3BD64

FFFFFF

 97A24B

 ECF599

 7C8832

 FFFFFB4

 626E18

 FFFFFD0

 495600

 FFFFFED

 313F00

 172900

 001700

 000000

 B3BD64

 B3BD64

 B1BD51

 B5BD77

 AFBD3E

 B7BD8A

 ADBD2B

 B9BD9D

 ABBD18

 BBBDB0

 A8BD05

 BEBDC3

 A8BD00

 C0BDD5

 C2BDE8

 C4BDFB

 C6BDFE

Harmonies

Analogous

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



DCAF61



B3BD64



81C77F

Triad

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



B3BD64



00C8F8



FF95C5

Complementary

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



B3BD64



6E64BD

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.



DFA0ED



B3BD64



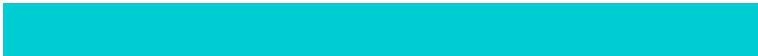
54BFFF

Square

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



B3BD64



00CCD3



A6B0FF



FF959A

Rectangle

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



B3BD64



59CB99



A6B0FF



F897D3

Sweetspot

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



B3BD64



F1F5D3



BD6D64



787A66



FAFAFA



7A7A7A

Same Dimension

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



B3BD64



E5F569



88BD64



5D5E55



8C9E00



1B1F00

Inverse Universe

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



6E64BD



7969F5



9964BD



56555E



12009E



03001F

Previews

White Background



This preview shows how the Hex color B3BD64 looks on a white background.

Color Contrast Check

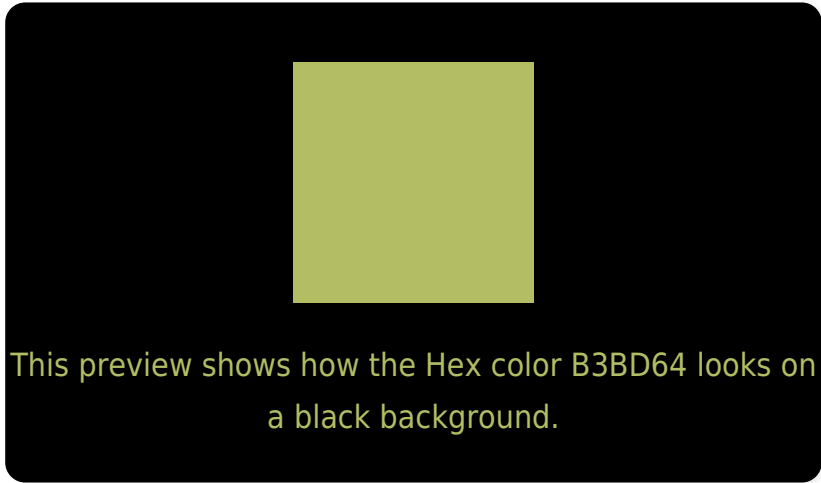
Large Text (above 18pt) WCAG AA × Fail

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

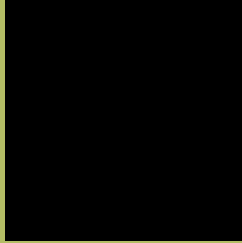
Any Text WCAG AA ✓ Pass

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 B3BD64 Background



This preview shows how black text looks on a background with the Hex color B3BD64.

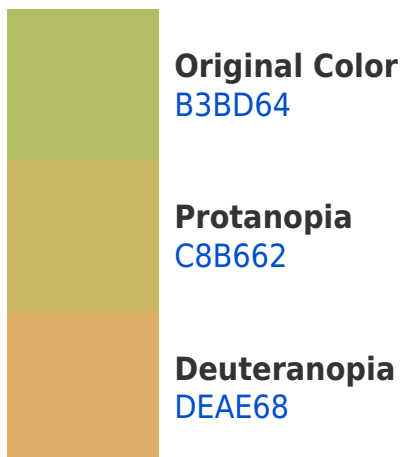


This preview shows how white text looks on a background with the Hex color B3BD64.

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](#).

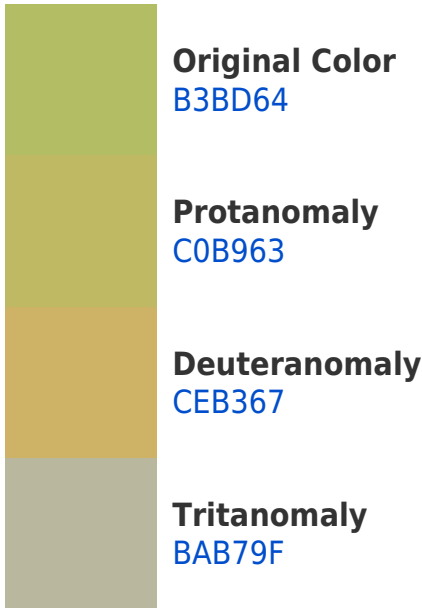
Dichromacy





Tritanopia
BEB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3BD64 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 #B3BD64 looks like.

```
.text, #text, p{  
    color:#B3BD64  
}
```

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 #B3BD64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BD64
}
```

Border

The CSS property to change the border of an element to Hex B3BD64 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
#B3BD64 }
```

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

```
.border{ border-color:#B3BD64 }
```

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

Here you see how a box with a 4 pixel #B3BD64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BD64; -webkit-box-shadow:4px 4px  
4px 4px #B3BD64; box-shadow:4px 4px 4px  
4px #B3BD64 }
```

Background

The CSS property to change the background color of an element to Hex B3BD64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BD64 }
```

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

```
.background{ background-color:#B3BD64 }
```

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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