

Converting Colors

Hex(B7D064)

Have a look what the booklet for
Hex(B7D064) contains.

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Color

Hex(B7D064)

Conversions

Conversions Part 1

Format	Color
Hex	B7D064
RGB	183, 208, 100
RGB Percent	72%, 82%, 39%
CMY	0.2824, 0.1843, 0.6078
CMYK	0.12, 0.00, 0.52, 0.18
HSL	74°, 53%, 60%
HSV	74°, 52%, 82%
XYZ	44.3846, 56.0991, 20.5455
YIQ	188.2130, 19.7680, -38.8880

Conversions

Conversions Part 2

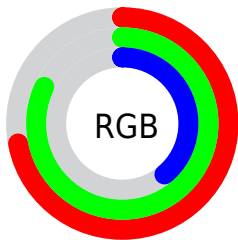
Format	Color
RYB	100, 208, 125
Decimal	12046436
CIELab	79.67, -24.46, 50.23
CIELCh	80, 55.873, 115.961
Yxy	56.0991, 0.3667, 0.4635
Android (android.graphics.Color)	4290236516 (0xFFB7D064)
YUV	188.2130, -43.4890, -4.5718
Hunter-Lab	74.8994, -25.2967, 36.1658

Details

The Hex color **B7D064** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7D64D0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F1FF99**, and **809A30** is the 20% darker color. If you saturate the color by 10%, you get **B2D04F**, and if you desaturate by 10%, it is **BCD079**.

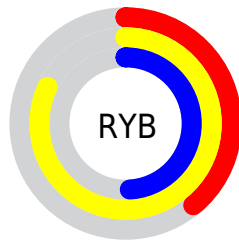
Distribution



Red (72%)

Green (82%)

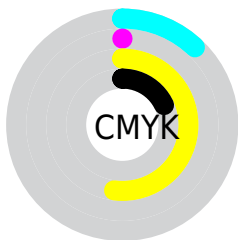
Blue (39%)



Red (39%)

Yellow (82%)

Blue (49%)

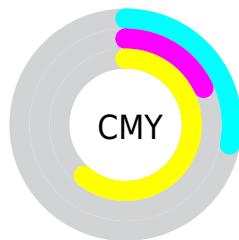


Cyan (12%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (28%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D064 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 B7D064 by changing the saturation by 10% instead.

 B7D064

 B7D064

FFFFFF

 9BB44A

 F1FF99

 809A30

 FFFFB5


 658012

 FFFFD1

 4B6600

 FFFFEE

 324E00

 173700

 002200

 000000

 B7D064

 B7D064

 B2D04F

 BCD079

 ADD03A

 C1D08E

 A9D026

 C5D0A2

 A4D011

 CAD0B7

 A0D000

 CFD0CC

 D4D0E1

 D9D0F6

 DED0FF

 E2D0FF

Harmonies

Analogous

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



EBC05B



B7D064



77DA89

Triad

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



B7D064



00DAFF



FF9ACF

Complementary

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



B7D064



7D64D0

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



B7D064



53CDFF

Square

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



B7D064



00FF11



BE99FF



FF9999

Rectangle

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



B7D064



34DEAA



BEBBFF



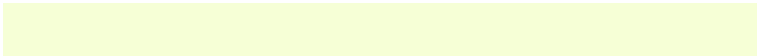
FF9DE0

Sweetspot

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



B7D064



F6FFD6



D07B64



7A8067



000000



808080

Same Dimension

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



B7D064



DAFF61



83D064



66695E



81A800



1F2900

Inverse Universe

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



7D64D0



8561FF



B164D0



615E69



2700A8



090029

Previews

White Background



This preview shows how the Hex color B7D064 looks on a white background.

Color Contrast Check

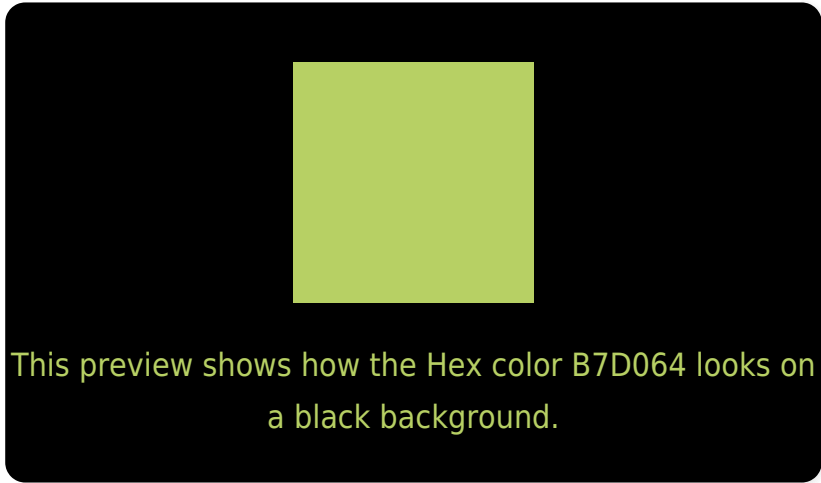
Large Text (above 18pt) WCAG AA × Fail

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

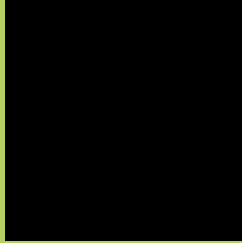
Any Text WCAG AA ✓ Pass

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 B7D064 Background



This preview shows how black text looks on a background with the Hex color B7D064.

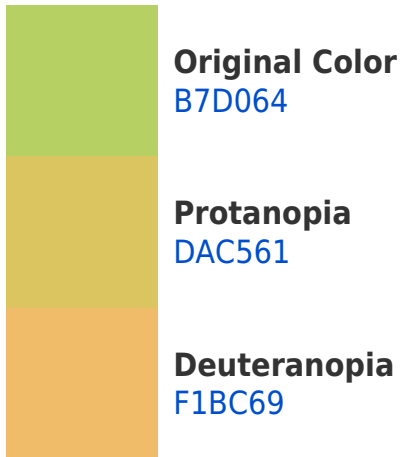


This preview shows how white text looks on a background with the Hex color B7D064.

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](#).

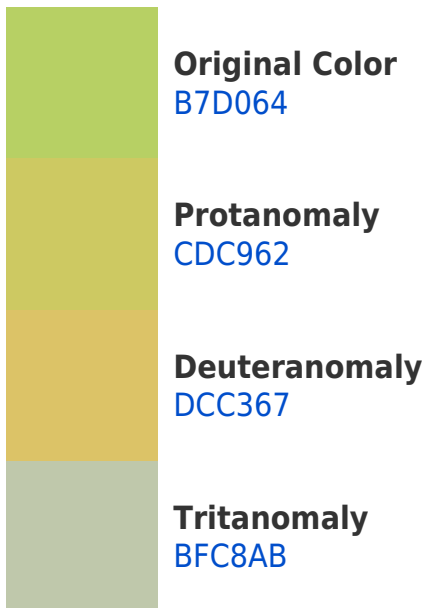
Dichromacy



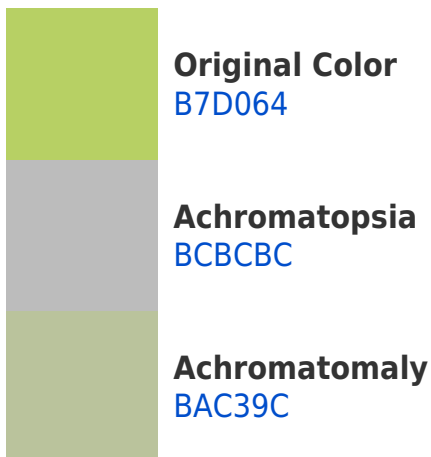


Tritanopia
C4C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7D064 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 #B7D064 looks like.

```
.text, #text, p{  
    color:#B7D064  
}
```

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 #B7D064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D064
}
```

Border

The CSS property to change the border of an element to Hex B7D064 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
#B7D064 }
```

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

```
.border{ border-color:#B7D064 }
```

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

Here you see how a box with a 4 pixel #B7D064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D064; -webkit-box-shadow:4px 4px  
4px 4px #B7D064; box-shadow:4px 4px 4px  
4px #B7D064 }
```

Background

The CSS property to change the background color of an element to Hex B7D064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D064 }
```

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

```
.background{ background-color:#B7D064 }
```

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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