

# Converting Colors

Hex(B7C075)

Have a look what the booklet for  
Hex(B7C075) contains.

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**Color**

**Hex(B7C075)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B7C075                      |
| RGB         | 183, 192, 117               |
| RGB Percent | 72%, 75%, 46%               |
| CMY         | 0.2824, 0.2471, 0.5412      |
| CMYK        | 0.05, 0.00, 0.39, 0.25      |
| HSL         | 67°, 37%, 61%               |
| HSV         | 67°, 39%, 75%               |
| XYZ         | 41.5890, 49.0509, 24.1054   |
| YIQ         | 180.7590, 18.7110, -25.2330 |

# Conversions

## Conversions Part 2

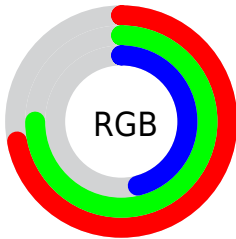
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">117, 192, 126</a>                                |
| Decimal                             | <a href="#">12042357</a>                                     |
| CIELab                              | <a href="#">75.48, -14.73, 36.74</a>                         |
| CIELCh                              | <a href="#">75, 39.583, 111.850</a>                          |
| Yxy                                 | <a href="#">49.0509, 0.3624, 0.4275</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290232437</a><br>( <a href="#">0xFFB7C075</a> ) |
| YUV                                 | <a href="#">180.7590, -31.4332, 1.9654</a>                   |
| Hunter-Lab                          | <a href="#">70.0364, -16.5668, 28.6188</a>                   |

# Details

The Hex color **B7C075** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7E75C0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F0F8AA**, and **818B43** is the 20% darker color. If you saturate the color by 10%, you get **B5C062**, and if you desaturate by 10%, it is **B9C088**.

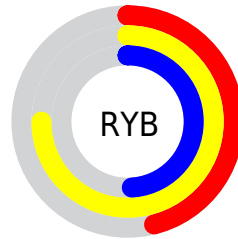
# Distribution



Red (72%)

Green (75%)

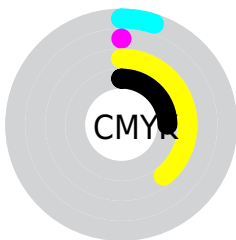
Blue (46%)



Red (46%)

Yellow (75%)

Blue (49%)

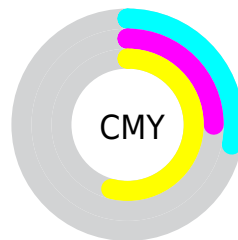


Cyan (5%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7C075 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 B7C075 by changing the saturation by 10% instead.



 B7C075

 B7C075

FFFFFF

 9CA55C

 F0F8AA

 818B43

 FFFFC6

 67712B

 FFFFE2

 4D5912

 354100

 1E2B00

 001800

 000000

 B7C075

 B7C075

 B5C062

 B9C088

 B2C04F

 BCC09B

 B0C03B

 BEC0AF

 AEC028

 C0C0C2

 ABC015

 C3C0D5

 A9C002

 C5C0E8

 A9C000

 C7C0FB

 C9C0FF

 CCC0FF

# Harmonies

## Analogous

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



DBB471



B7C075



8DC88C

# Triad

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



B7C075



35C9F2



FA9FC5

# Complementary

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



B7C075



7E75C0

# 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.



DEA7E7



B7C075



74C1FF

# Square

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



B7C075



2BCDD4



B0B4FE



FF9FA1

# Rectangle

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



B7C075



6ECCA2



B0B4FE



F3A1D2

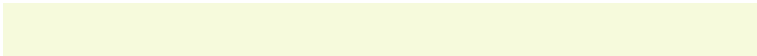


# Sweetspot

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



B7C075



F6FADC



C07E75



7B7D6B



FCFCFC



7D7D7D



# Same Dimension

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



B7C075



ECFA84



92C075



606157



8DA100



1D2100



# Inverse Universe

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



7E75C0



9384FA



A375C0



585761



1300A1



040021



# Previews

## White Background



This preview shows how the Hex color B7C075 looks on a white background.

## Color Contrast Check

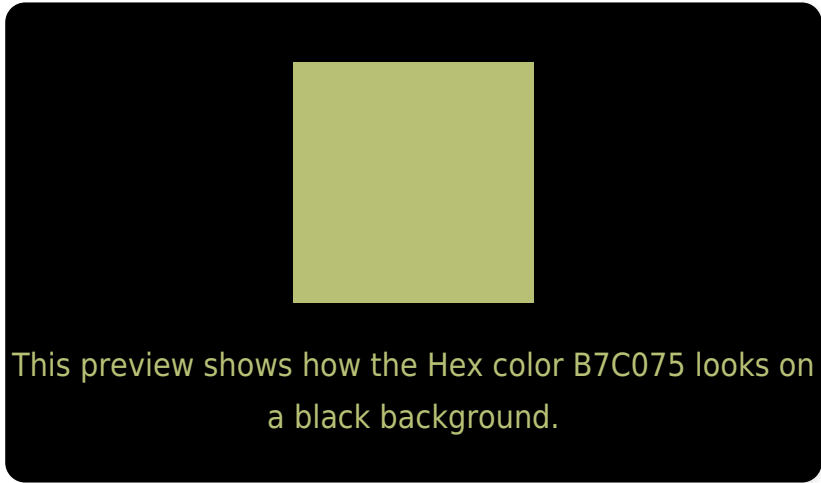
Large Text (above 18pt) WCAG AA × Fail

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

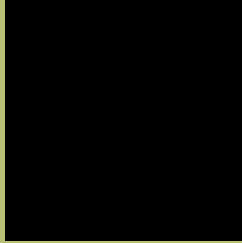
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7C075 Background



This preview shows how black text looks on a background with the Hex color B7C075.

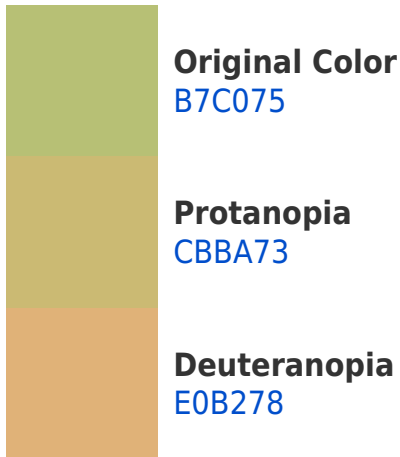


This preview shows how white text looks on a background with the Hex color B7C075.

# 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



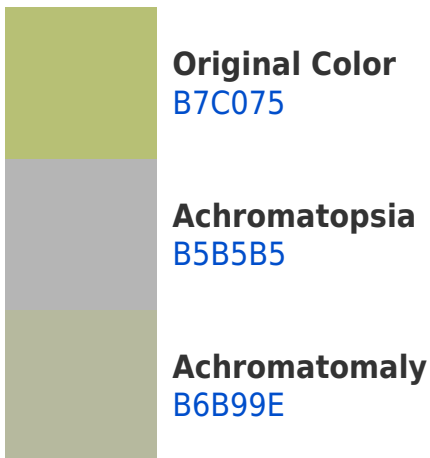


**Tritanopia**  
C1B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7C075 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 #B7C075 looks like.

```
.text, #text, p{  
    color:#B7C075  
}
```

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 #B7C075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C075
}
```

## Border

The CSS property to change the border of an element to Hex B7C075 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
#B7C075 }
```

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

```
.border{ border-color:#B7C075 }
```

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

Here you see how a box with a 4 pixel #B7C075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C075; -webkit-box-shadow:4px 4px  
4px 4px #B7C075; box-shadow:4px 4px 4px  
4px #B7C075 }
```

# Background

The CSS property to change the background color of an element to Hex B7C075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C075 }
```

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

```
.background{ background-color:#B7C075 }
```

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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