

# Converting Colors

Hex(B6D172)

Have a look what the booklet for  
Hex(B6D172) contains.

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# **Color**

**Hex(B6D172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D172
RGB	182, 209, 114
RGB Percent	71%, 82%, 45%
CMY	0.2863, 0.1804, 0.5529
CMYK	0.13, 0.00, 0.45, 0.18
HSL	77°, 51%, 63%
HSV	77°, 45%, 82%
XYZ	45.1291, 56.7609, 24.4970
YIQ	190.0970, 14.4030, -35.2690

# Conversions

## Conversions Part 2

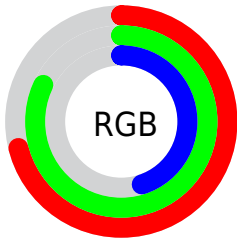
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 209, 141
Decimal	11981170
CIELab	80.04, -23.92, 43.95
CIELCh	80, 50.039, 118.552
Yxy	56.7609, 0.3571, 0.4491
Android (android.graphics.Color)	4290171250 (0xFFB6D172)
YUV	190.0970, -37.5158, -7.1011
Hunter-Lab	75.3398, -24.9219, 33.4596

# Details

The Hex color **B6D172** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8D72D1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EFFFA7**, and **7F9B3F** is the 20% darker color. If you saturate the color by 10%, you get **B0D15D**, and if you desaturate by 10%, it is **BCD187**.

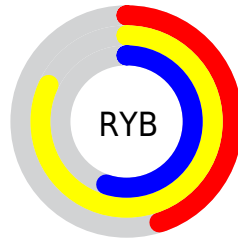
# Distribution



Red (71%)

Green (82%)

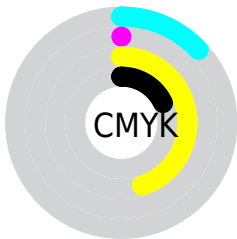
Blue (45%)



Red (45%)

Yellow (82%)

Blue (55%)

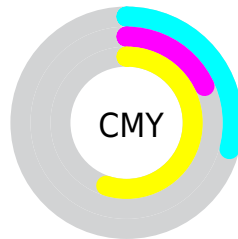


Cyan (13%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6D172 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 B6D172 by changing the saturation by 10% instead.



 B6D172

 B6D172

FFFFFF

 9AB558

 EFFFFA7

 7F9B3F

 FFFFC3

 658026

 FFFFEO

 4B6708

FFFFFFD

 324F00

 193800

 002300

 000000

 B6D172

 B6D172

 B0D15D

 BCD187

 AAD148

 C2D19C

 A4D133

 C8D1B1

 9ED11E

 CED1C6

 98D10A

 D4D1DB

 96D100

 DAD1EF

 E0D1FF

 E6D1FF

 EBD1FF

# Harmonies

## Analogous

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



E5C367



B6D172



7DDA94

# Triad

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



B6D172



00D8FF



FFA1CB

# Complementary

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



B6D172



8D72D1

# 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.



FFAAF8



B6D172



76CCFF

# Square

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



B6D172



00DEF2



C7BBFF



FFA49C

# Rectangle

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



B6D172



4ADEB2



C7BBFF



FFA3DA



# Sweetspot

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



B6D172



F5FFDB



D18D72



79806A



000000



808080

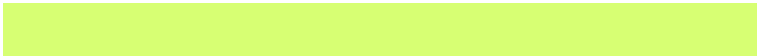


# Same Dimension

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



B6D172



D7FF73



87D172



66695E



78A800



1D2900



# Inverse Universe

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



8D72D1



9B73FF



BC72D1



615E69



3000A8



0C0029



# Previews

## White Background



This preview shows how the Hex color B6D172 looks on a white background.

## Color Contrast Check

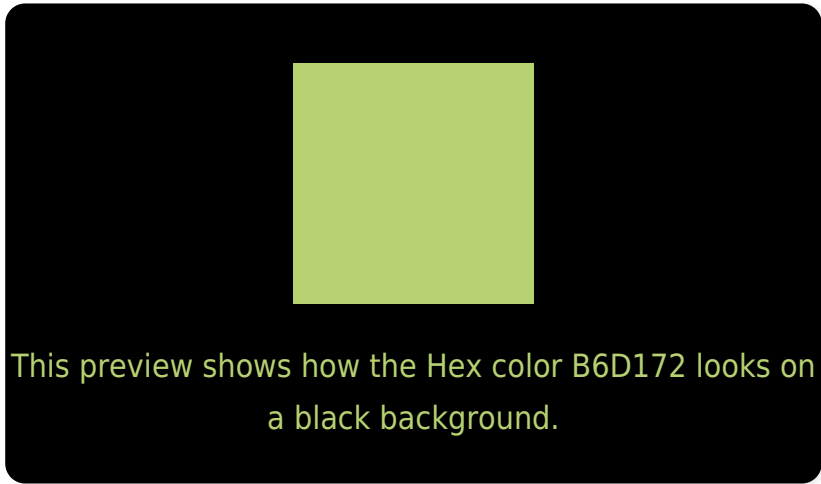
Large Text (above 18pt) WCAG AA × Fail

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 B6D172 Background



This preview shows how black text looks on a background with the Hex color B6D172.

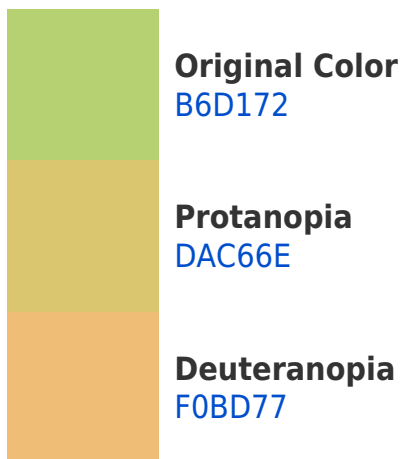


This preview shows how white text looks on a background with the Hex color B6D172.

# Color Blindness Simulation

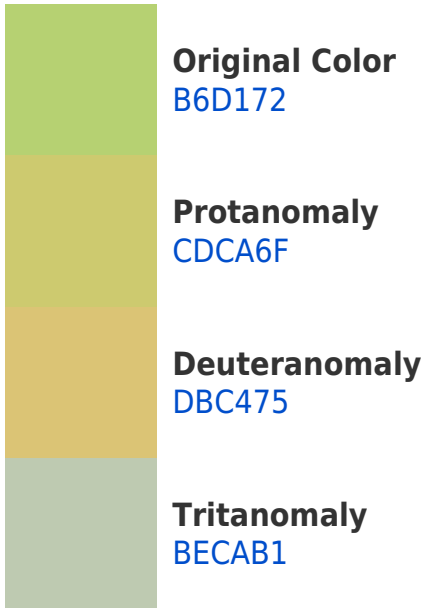
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

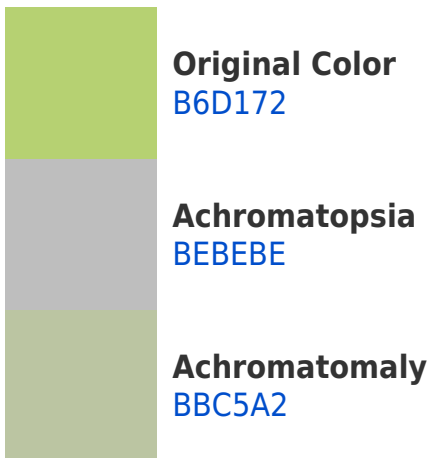




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6D172 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 #B6D172 looks like.

```
.text, #text, p{  
    color:#B6D172  
}
```

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 #B6D172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D172
}
```

## Border

The CSS property to change the border of an element to Hex B6D172 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
#B6D172 }
```

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

```
.border{ border-color:#B6D172 }
```

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

Here you see how a box with a 4 pixel #B6D172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D172; -webkit-box-shadow:4px 4px  
4px 4px #B6D172; box-shadow:4px 4px 4px  
4px #B6D172 }
```

# Background

The CSS property to change the background color of an element to Hex B6D172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D172 }
```

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

```
.background{ background-color:#B6D172 }
```

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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