

# Converting Colors

Hex(B6DD68)

Have a look what the booklet for  
Hex(B6DD68) contains.

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**Color**

**Hex(B6DD68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6DD68
RGB	182, 221, 104
RGB Percent	71%, 87%, 41%
CMY	0.2863, 0.1333, 0.5922
CMYK	0.18, 0.00, 0.53, 0.13
HSL	80°, 63%, 64%
HSV	80°, 53%, 87%
XYZ	47.6465, 62.6575, 22.6796
YIQ	196.0010, 14.3130, -44.6550

# Conversions

## Conversions Part 2

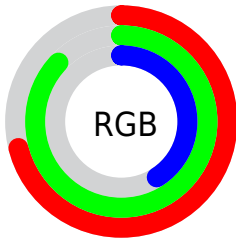
Format	Color
<a href="#">RYB</a>	<a href="#">104, 221, 143</a>
Decimal	<a href="#">11984232</a>
CIELab	<a href="#">83.26, -30.66, 52.59</a>
CIElCh	<a href="#">83, 60.871, 120.244</a>
Yxy	<a href="#">62.6575, 0.3583, 0.4712</a>
Android (android.graphics.Color)	<a href="#">4290174312 (0xFFB6DD68)</a>
YUV	<a href="#">196.0010, -45.3565, -12.2789</a>
Hunter-Lab	<a href="#">79.1565, -31.0796, 38.4220</a>

# Details

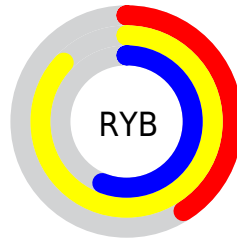
The Hex color **B6DD68** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8F68DD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F0FF9E**, and **7EA633** is the 20% darker color. If you saturate the color by 10%, you get **AFDD52**, and if you desaturate by 10%, it is **BDDD7E**.

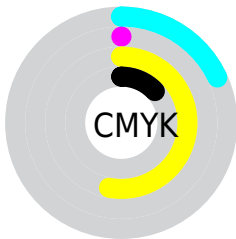
# Distribution



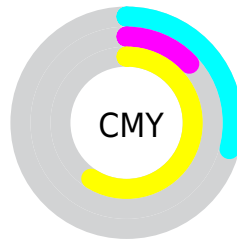
- Red (71%)
- Green (87%)
- Blue (41%)



- Red (41%)
- Yellow (87%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (53%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6DD68 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 B6DD68 by changing the saturation by 10% instead.



 B6DD68

 B6DD68

FFFFFF

 9AC14E

 F0FF9E

 7EA633

 FFFFBA

 648B15

 FFFFD6

 497200

 FFFFF3

 2F5900

 124100

 002B00

 001400

 000000

 B6DD68

 B6DD68

 AFDD52

 BDDD7E

 A7DD3C

 C5DD94

 A0DD26

 CCDDAA

 99DD10

 D3DDC0

 93DD00

 DBDDD7

 E2DDED

 EADDFE

 F1DDFE

 F8DDFE

# Harmonies

## Analogous

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



F0CC58



B6DD68



6BE794

# Triad

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



B6DD68



00E4FF



FF9ED1

# Complementary

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



B6DD68



8F68DD

# 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.



FFAAFF



B6DD68



62D5FF

# Square

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



B6DD68



00EBFF



D3C0FF



FFA599

# Rectangle

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



B6DD68



00EBBA



D3C0FF



FFA0E5

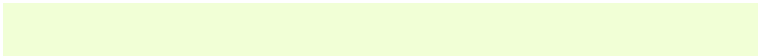


# Sweetspot

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



B6DD68



F1FFD6



DD8F68



778067



000000



808080



# Same Dimension

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



B6DD68



C9FF5C



7BDD68



6A6E63



74AD00



1F2E00



# Inverse Universe

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



8F68DD



925CFF



CA68DD



66636E



3A00AD



0F002E



# Previews

## White Background



This preview shows how the Hex color B6DD68 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 B6DD68 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 B6DD68 Background



This preview shows how black text looks on a background with the Hex color B6DD68.

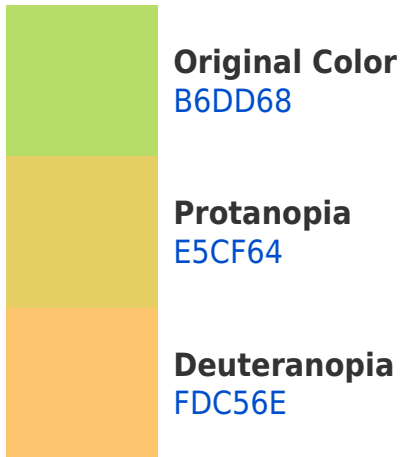


This preview shows how white text looks on a background with the Hex color B6DD68.

# 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](#).

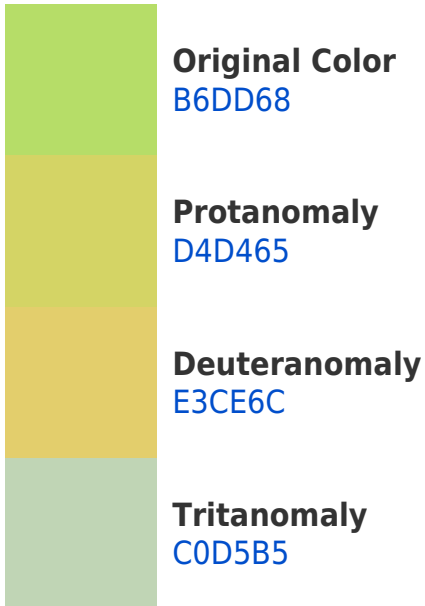
## Dichromacy



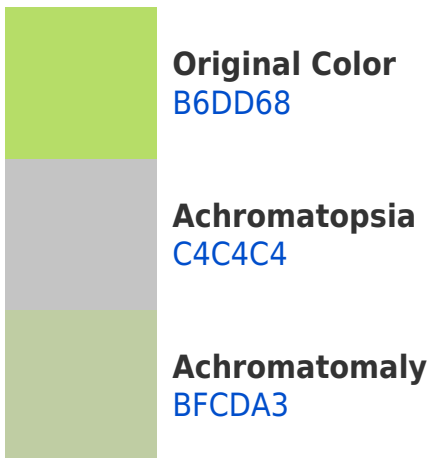


**Tritanopia**  
C5D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6DD68 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 #B6DD68 looks like.

```
.text, #text, p{  
    color:#B6DD68  
}
```

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 #B6DD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DD68
}
```

## Border

The CSS property to change the border of an element to Hex B6DD68 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
#B6DD68 }
```

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

```
.border{ border-color:#B6DD68 }
```

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

Here you see how a box with a 4 pixel #B6DD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DD68; -webkit-box-shadow:4px 4px  
4px 4px #B6DD68; box-shadow:4px 4px 4px  
4px #B6DD68 }
```

# Background

The CSS property to change the background color of an element to Hex B6DD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DD68 }
```

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

```
.background{ background-color:#B6DD68 }
```

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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