

# Converting Colors

Hex(B6DC89)

Have a look what the booklet for  
Hex(B6DC89) contains.

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**Color**

**Hex(B6DC89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6DC89
RGB	182, 220, 137
RGB Percent	71%, 86%, 54%
CMY	0.2863, 0.1373, 0.4627
CMYK	0.17, 0.00, 0.38, 0.14
HSL	87°, 54%, 70%
HSV	87°, 38%, 86%
XYZ	49.4000, 62.9376, 33.2114
YIQ	199.1760, 3.9950, -33.8690

# Conversions

## Conversions Part 2

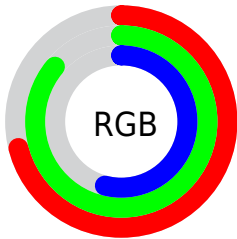
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 220, 175
Decimal	11984009
CIELab	83.41, -26.48, 36.77
CIELCh	83, 45.312, 125.765
Yxy	62.9376, 0.3394, 0.4324
Android (android.graphics.Color)	4290174089 (0xFFB6DC89)
YUV	199.1760, -30.6528, -15.0634
Hunter-Lab	79.3332, -27.6831, 30.7126

# Details

The Hex color **B6DC89** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF89DC**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EFFFBF**, and **80A556** is the 20% darker color. If you saturate the color by 10%, you get **ACDC73**, and if you desaturate by 10%, it is **C0DC9F**.

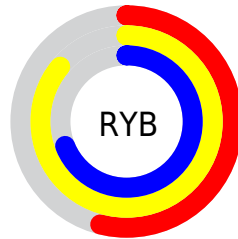
# Distribution



Red (71%)

Green (86%)

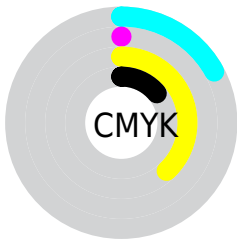
Blue (54%)



Red (54%)

Yellow (86%)

Blue (69%)

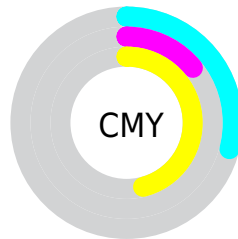


Cyan (17%)

Magenta (0%)

Yellow (38%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6DC89 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 B6DC89 by changing the saturation by 10% instead.



 B6DC89

 B6DC89

FFFFFF

 9BC06F

 EFFFFB

 80A556

 FFFFDB

 668A3D

 FFFFF8

 4C7125

 33580B

 1B4000

 002A00

 001400

 000000

 B6DC89

 B6DC89

 ACDC73

 C0DC9F

 A2DC5D

 CADCB5

 98DC47

 D4DCCB

 8EDC31

 DEDCE1

 84DC1B

 E8DCF7

 7ADC05

 F2DCFF

 77DC00

 FDDCFF

 FFDCFF

# Harmonies

## Analogous

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



E4D07A



B6DC89



81E4AB

# Triad

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



B6DC89



4EDEFF



FFAEC9

# Complementary

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



B6DC89



AF89DC

# Split Complementary

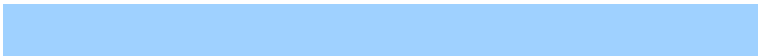
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4F4



B6DC89



9FD1FF

# Square

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



B6DC89



00E5FF



DFC2FF



FFB4A0

# Rectangle

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



B6DC89



58E6C8



DFC2FF



FFAFD8

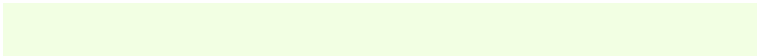


# Sweetspot

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



B6DC89



F2FFE3



DCAE89



78806F



000000



808080

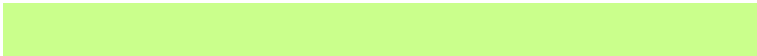


# Same Dimension

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



B6DC89



CAFF8C



8DDC89



696E63



5EAD00



192E00



# Inverse Universe

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



AF89DC



C18CFF



D889DC



68636E



4F00AD



15002E



# Previews

## White Background



This preview shows how the Hex color B6DC89 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 B6DC89 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 B6DC89 Background



This preview shows how black text looks on a background with the Hex color B6DC89.

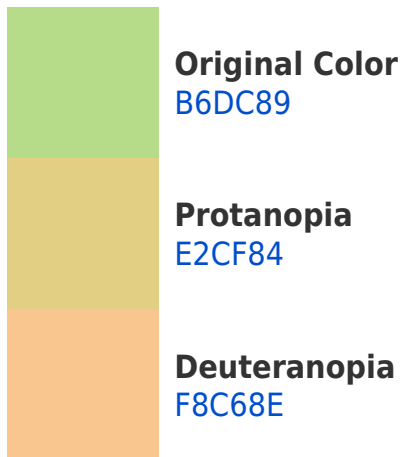


This preview shows how white text looks on a background with the Hex color B6DC89.

# 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](#).

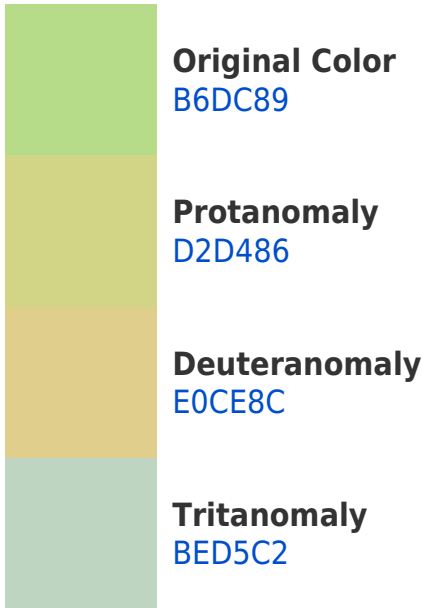
## Dichromacy





**Tritanopia**  
C3D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6DC89 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 #B6DC89 looks like.

```
.text, #text, p{  
    color:#B6DC89  
}
```

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 #B6DC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DC89
}
```

## Border

The CSS property to change the border of an element to Hex B6DC89 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
#B6DC89 }
```

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

```
.border{ border-color:#B6DC89 }
```

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

Here you see how a box with a 4 pixel #B6DC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DC89; -webkit-box-shadow:4px 4px  
4px 4px #B6DC89; box-shadow:4px 4px 4px  
4px #B6DC89 }
```

# Background

The CSS property to change the background color of an element to Hex B6DC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DC89 }
```

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

```
.background{ background-color:#B6DC89 }
```

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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