

# Converting Colors

Hex(B6CB86)

Have a look what the booklet for  
Hex(B6CB86) contains.

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# **Color**

**Hex(B6CB86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6CB86
RGB	182, 203, 134
RGB Percent	71%, 80%, 53%
CMY	0.2863, 0.2039, 0.4745
CMYK	0.10, 0.00, 0.34, 0.20
HSL	78°, 40%, 66%
HSV	78°, 34%, 80%
XYZ	44.9504, 54.3782, 30.6812
YIQ	188.8550, 9.6330, -25.9110

# Conversions

## Conversions Part 2

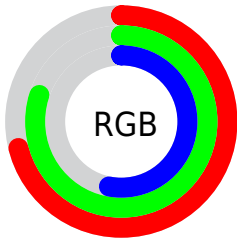
Format	Color
<a href="#">RYB</a>	<a href="#">134, 203, 155</a>
Decimal	<a href="#">11979654</a>
CIELab	<a href="#">78.68, -18.56, 32.12</a>
CIELCh	<a href="#">79, 37.099, 120.012</a>
Yxy	<a href="#">54.3782, 0.3457, 0.4183</a>
Android (android.graphics.Color)	<a href="#">4290169734</a> (0xFFB6CB86)
YUV	<a href="#">188.8550, -27.0435, -6.0118</a>
Hunter-Lab	<a href="#">73.7416, -20.2401, 26.9507</a>

# Details

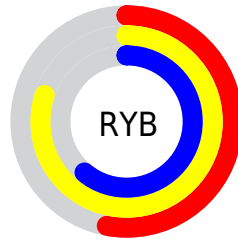
The Hex color **B6CB86** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9B86CB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EFFFBC**, and **809553** is the 20% darker color. If you saturate the color by 10%, you get **B0CB72**, and if you desaturate by 10%, it is **BCCB9A**.

# Distribution



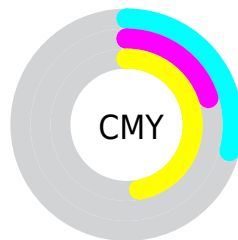
- Red (71%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6CB86 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 B6CB86 by changing the saturation by 10% instead.





B6CB86



B6CB86

FFFFFF



9BB06C



FFFFBC



809553



FFFFD8



667B3B



FFFFF4



4D6224



354A0C



203300



001F00



000000



B6CB86



B6CB86

 B0CB72

 BCCB9A

 AACB5D

 C2CBAF

 A3CB49

 C9CBC3

 9DCB35

 CFCBD7

 97CB21

 D5CBEC

 91CB0C

 DBCBFF

 8DCB00

 E1CBFF

 E7CBFF

 EECBFF

# Harmonies

## Analogous

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



DAC17D



B6CB86



8DD29F

# Triad

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



B6CB86



5FCFFE



FFA9C4

# Complementary

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



B6CB86



9B86CB

# 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.



EEAEE6



B6CB86



93C6FF

# Square

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



B6CB86



49D5E4



C7BAFE



FFABA2

# Rectangle

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



B6CB86



71D5B6



C7BAFE



FFAAD0

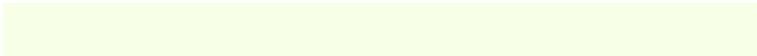


# Sweetspot

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



B6CB86



F7FFE6



CB9B86



7B8070



000000



808080

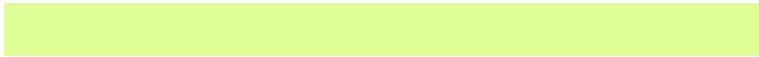


# Same Dimension

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



B6CB86



DFFF96



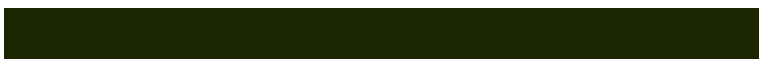
94CB86



63665C



73A600



1B2600



# Inverse Universe

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



9B86CB



B696FF



BD86CB



5F5C66



3200A6



0C0026



# Previews

## White Background



This preview shows how the Hex color B6CB86 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 B6CB86 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

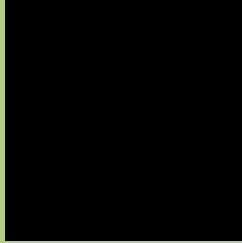
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6CB86 Background



This preview shows how black text looks on a background with the Hex color B6CB86.

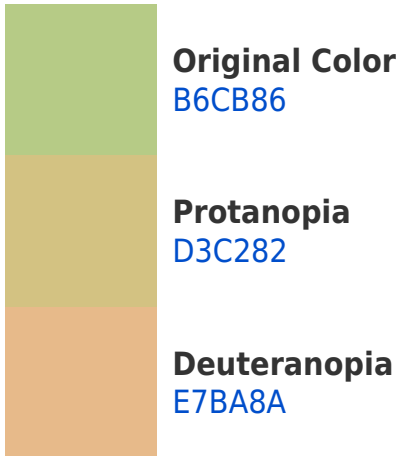


This preview shows how white text looks on a background with the Hex color B6CB86.

# Color Blindness Simulation

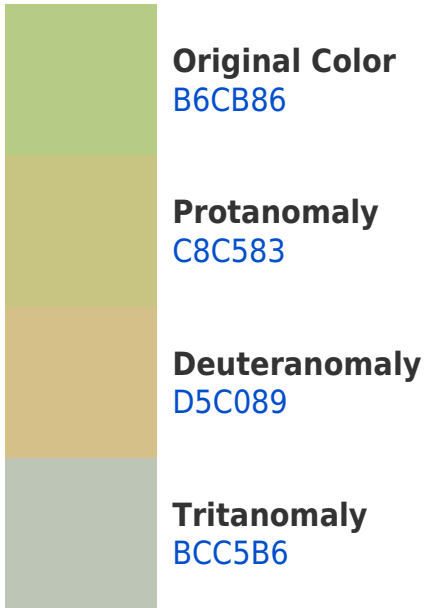
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

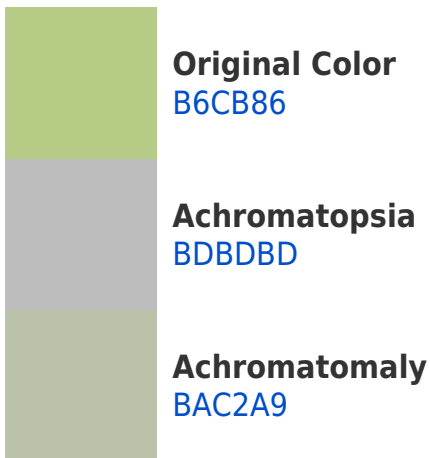




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6CB86 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 #B6CB86 looks like.

```
.text, #text, p{  
    color:#B6CB86  
}
```

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 #B6CB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CB86
}
```

## Border

The CSS property to change the border of an element to Hex B6CB86 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
#B6CB86 }
```

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

```
.border{ border-color:#B6CB86 }
```

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

Here you see how a box with a 4 pixel #B6CB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CB86; -webkit-box-shadow:4px 4px  
4px 4px #B6CB86; box-shadow:4px 4px 4px  
4px #B6CB86 }
```

# Background

The CSS property to change the background color of an element to Hex B6CB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CB86 }
```

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

```
.background{ background-color:#B6CB86 }
```

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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