

Converting Colors

Hex(B2CB86)

Have a look what the booklet for
Hex(B2CB86) contains.

Hex(B2CB86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2CB86)

Conversions

Conversions Part 1

Format	Color
Hex	B2CB86
RGB	178, 203, 134
RGB Percent	70%, 80%, 53%
CMY	0.3020, 0.2039, 0.4745
CMYK	0.12, 0.00, 0.34, 0.20
HSL	82°, 40%, 66%
HSV	82°, 34%, 80%
XYZ	44.0191, 53.8981, 30.6376
YIQ	187.6590, 7.2490, -26.7590

Conversions

Conversions Part 2

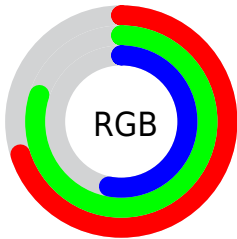
Format	Color
RYB	134, 203, 159
Decimal	11717510
CIELab	78.40, -20.06, 31.71
CIELCh	78, 37.519, 122.323
Yxy	53.8981, 0.3424, 0.4193
Android (android.graphics.Color)	4289907590 (0xFFB2CB86)
YUV	187.6590, -26.4539, -8.4709
Hunter-Lab	73.4153, -21.4499, 26.6479

Details

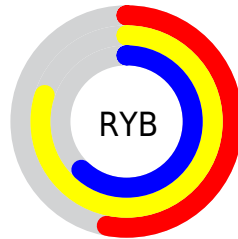
The Hex color **B2CB86** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9F86CB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EAFFBC**, and **7C9553** is the 20% darker color. If you saturate the color by 10%, you get **ABCB72**, and if you desaturate by 10%, it is **B9CB9A**.

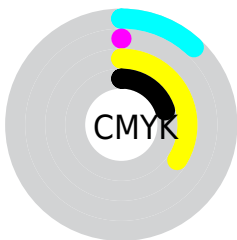
Distribution



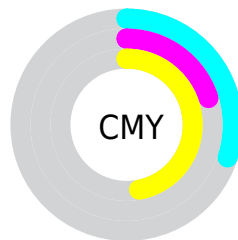
- Red (70%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CB86 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 B2CB86 by changing the saturation by 10% instead.



B2CB86



B2CB86

FFFFFF



97B06C



EAFFBC



7C9553



FFFFD8



637B3B



FFFFF4



4A6224



324A0C



1C3300



001F00



000000



B2CB86



B2CB86

 ABCB72

 B9CB9A

 A3CB5D

 C1CBAF

 9CCB49

 C8CBC3

 95CB35


 CFCBD7

 8DCB21

 D7CBEC

 86CB0C

 DECBFF

 81CB00

 E5CBFF

 EDCBFF

 F4CBFF

Harmonies

Analogous

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



D7C17C



B2CB86



89D2A0

Triad

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



B2CB86



60CEFF



FFA7C1

Complementary

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



B2CB86



9F86CB

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.



F0ADE3



B2CB86



96C4FF

Square

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



B2CB86



44D4E6



CAB8FD



FFAB9E

Rectangle

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



B2CB86



6CD4B7



CAB8FD



FFA8CC

Sweetspot

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



B2CB86



F6FFE6



CB9E86



7A8070



000000



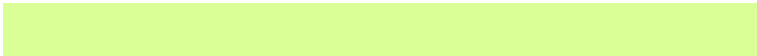
808080

Same Dimension

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



B2CB86



D9FF96



90CB86



62665C



6AA600



182600

Inverse Universe

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



9F86CB



BC96FF



C186CB



5F5C66



3C00A6



0E0026

Previews

White Background



This preview shows how the Hex color B2CB86 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 B2CB86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

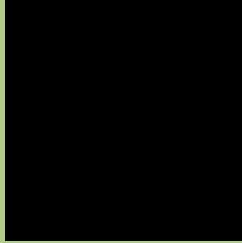
Any Text WCAG AA ✓ Pass

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 B2CB86 Background



This preview shows how black text looks on a background with the Hex color B2CB86.

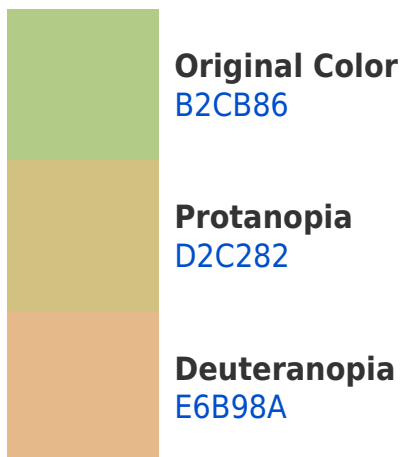


This preview shows how white text looks on a background with the Hex color B2CB86.

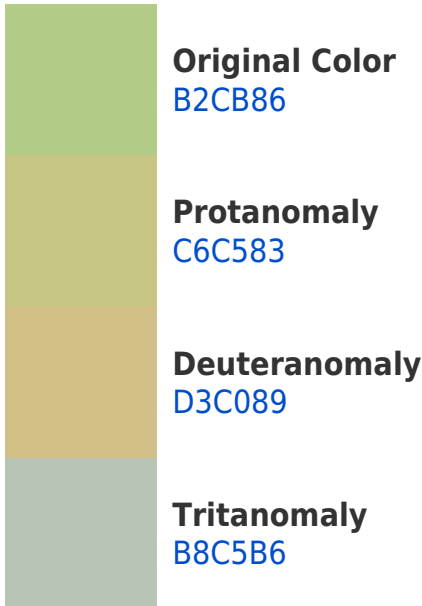
Color Blindness Simulation

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](#).

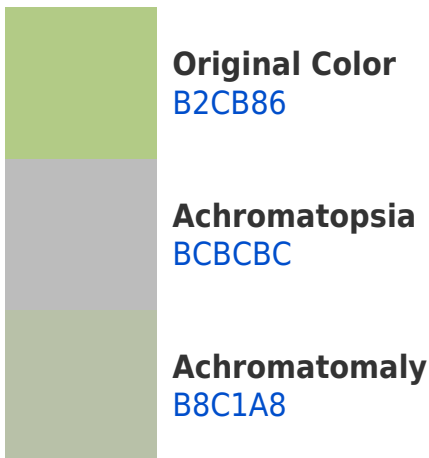
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2CB86 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 #B2CB86 looks like.

```
.text, #text, p{  
    color:#B2CB86  
}
```

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 #B2CB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CB86
}
```

Border

The CSS property to change the border of an element to Hex B2CB86 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
#B2CB86 }
```

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

```
.border{ border-color:#B2CB86 }
```

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

Here you see how a box with a 4 pixel #B2CB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CB86; -webkit-box-shadow:4px 4px  
4px 4px #B2CB86; box-shadow:4px 4px 4px  
4px #B2CB86 }
```

Background

The CSS property to change the background color of an element to Hex B2CB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CB86 }
```

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

```
.background{ background-color:#B2CB86 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor