

Converting Colors

Hex(B2C486)

Have a look what the booklet for
Hex(B2C486) contains.

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Color

Hex(B2C486)

Conversions

Conversions Part 1

Format	Color
Hex	B2C486
RGB	178, 196, 134
RGB Percent	70%, 77%, 53%
CMY	0.3020, 0.2314, 0.4745
CMYK	0.09, 0.00, 0.32, 0.23
HSL	77°, 34%, 65%
HSV	77°, 32%, 77%
XYZ	42.4031, 50.6661, 30.0989
YIQ	183.5500, 9.1740, -23.0980

Conversions

Conversions Part 2

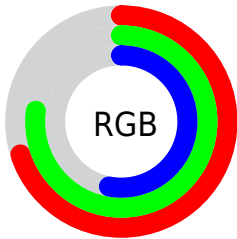
Format	Color
RYB	134, 196, 152
Decimal	11715718
CIELab	76.48, -16.55, 29.16
CIELCh	76, 33.528, 119.583
Yxy	50.6661, 0.3443, 0.4114
Android (android.graphics.Color)	4289905798 (0xFFB2C486)
YUV	183.5500, -24.4282, -4.8674
Hunter-Lab	71.1801, -18.2299, 24.7550

Details

The Hex color **B2C486** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9886C4**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EAFDBC**, and **7D8E54** is the 20% darker color. If you saturate the color by 10%, you get **ACC472**, and if you desaturate by 10%, it is **B8C49A**.

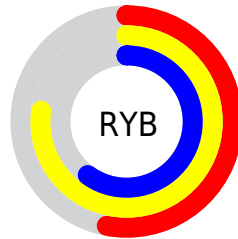
Distribution



Red (70%)

Green (77%)

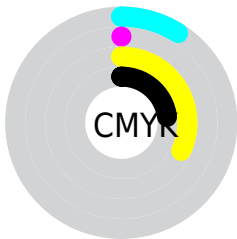
Blue (53%)



Red (53%)

Yellow (77%)

Blue (60%)

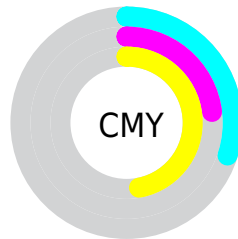


Cyan (9%)

Magenta (0%)

Yellow (32%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2C486 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 B2C486 by changing the saturation by 10% instead.



B2C486



B2C486

FFFFFF



97A96C



EAFDBC



7D8E54



FFFFD8



63753C



FFFFF4



4A5C25



33440E



1D2E00



001B00



000000



B2C486



B2C486

 ACC472

 B8C49A

 A7C45F

 BDC4AD

 A1C44B

 C3C4C1

 9BC438

 C9C4D4

 96C424

 CEC4E8

 90C410

 D4C4FC

 8BC400

 DAC4FF

 E0C4FF

 E5C4FF

Harmonies

Analogous

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



D3BB7F



B2C486



8ECB9C

Triad

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



B2C486



68C8F1



F7A6BE

Complementary

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



B2C486



9886C4

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.



E4ABDD



B2C486



93C0FA

Square

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



B2C486



56CDDA



C0B5F2



FAA8A0

Rectangle

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



B2C486



76CDB0



C0B5F2



F3A6C9

Sweetspot

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



B2C486



F8FFE8



C49886



7B8071



000000



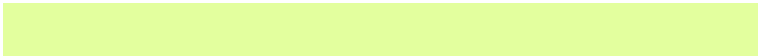
808080

Same Dimension

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



B2C486



E3FF9E



93C486



5E6157



72A100



182100

Inverse Universe

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



9886C4



BA9EFF



B786C4



5A5761



2F00A1



0A0021

Previews

White Background



This preview shows how the Hex color B2C486 looks on a white background.

Color Contrast Check

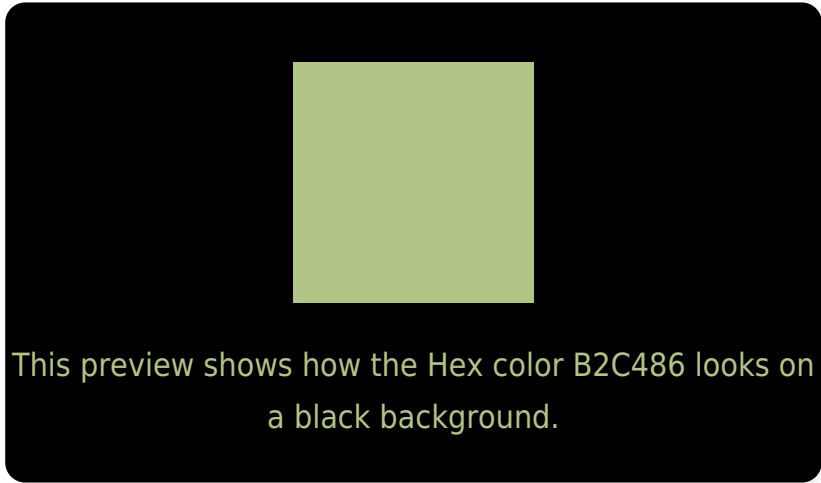
Large Text (above 18pt) WCAG AA × Fail

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

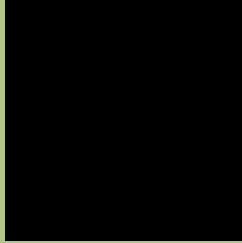
Any Text WCAG AA ✓ Pass

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 B2C486 Background



This preview shows how black text looks on a background with the Hex color B2C486.

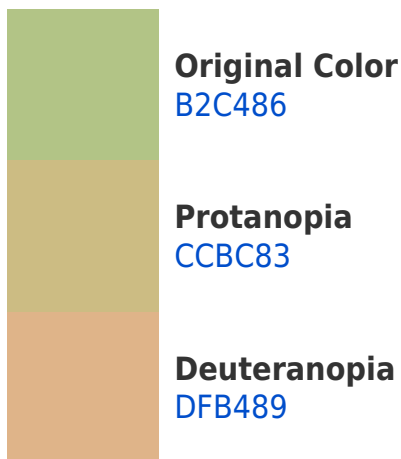


This preview shows how white text looks on a background with the Hex color B2C486.

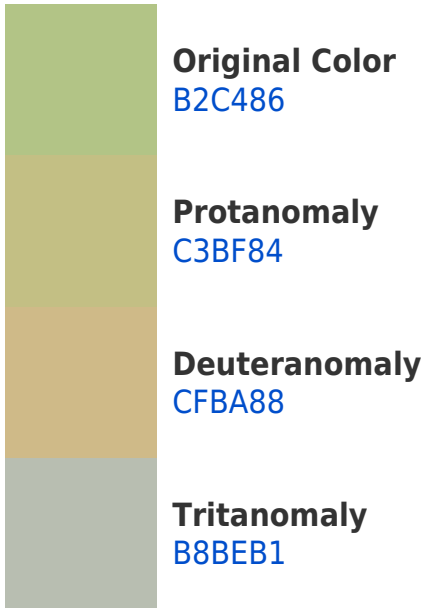
Color Blindness Simulation

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](#).

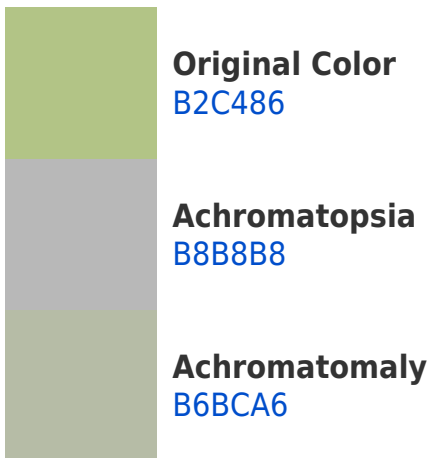
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2C486 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 #B2C486 looks like.

```
.text, #text, p{  
    color:#B2C486  
}
```

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 #B2C486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C486
}
```

Border

The CSS property to change the border of an element to Hex B2C486 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
#B2C486 }
```

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

```
.border{ border-color:#B2C486 }
```

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

Here you see how a box with a 4 pixel #B2C486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C486; -webkit-box-shadow:4px 4px  
4px 4px #B2C486; box-shadow:4px 4px 4px  
4px #B2C486 }
```

Background

The CSS property to change the background color of an element to Hex B2C486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C486 }
```

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

```
.background{ background-color:#B2C486 }
```

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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