

Converting Colors

Hex(B8C166)

Have a look what the booklet for
Hex(B8C166) contains.

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Color

Hex(B8C166)

Conversions

Conversions Part 1

Format	Color
Hex	B8C166
RGB	184, 193, 102
RGB Percent	72%, 76%, 40%
CMY	0.2784, 0.2431, 0.6000
CMYK	0.05, 0.00, 0.47, 0.24
HSL	66°, 42%, 58%
HSV	66°, 47%, 76%
XYZ	41.2354, 49.2896, 19.9109
YIQ	179.9350, 23.8470, -30.2090

Conversions

Conversions Part 2

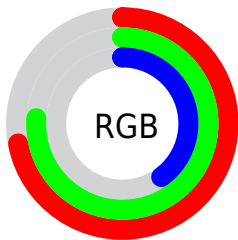
Format	Color
RYB	102, 193, 111
Decimal	12108134
CIELab	75.63, -16.45, 44.46
CIELCh	76, 47.409, 110.301
Yxy	49.2896, 0.3734, 0.4463
Android (android.graphics.Color)	4290298214 (0xFFB8C166)
YUV	179.9350, -38.4220, 3.5650
Hunter-Lab	70.2065, -18.0205, 32.3297

Details

The Hex color **B8C166** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F66C1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F1F99B**, and **818C33** is the 20% darker color. If you saturate the color by 10%, you get **B6C153**, and if you desaturate by 10%, it is **BAC179**.

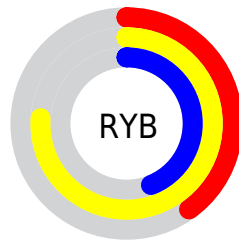
Distribution



Red (72%)

Green (76%)

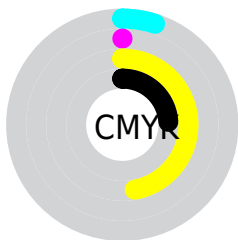
Blue (40%)



Red (40%)

Yellow (76%)

Blue (44%)

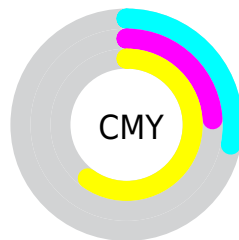


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8C166 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 B8C166 by changing the saturation by 10% instead.


 B8C166

 B8C166

FFFFFF

 9CA64D

 F1F99B

 818C33

 FFFF66

 677219

 FFFF66

 4D5A00

 FFFF66

 354200

 1C2C00

 001900

 000000

 B8C166

 B8C166

 B6C153

 BAC179

 B4C13F

 BCC18D

 B2C12C

 BEC1A0

 B0C119

 C0C1B3

 AEC105

 C2C1C7

 AEC100

 C3C1DA

 C5C1ED

 C7C1FF

 C9C1FF

Harmonies

Analogous

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



E2B363



B8C166



85CB81

Triad

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



B8C166



00CDFD



FF98CA

Complementary

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



B8C166



6F66C1

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.



E3A4F3



B8C166



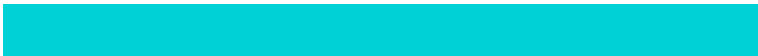
54C3FF

Square

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



B8C166



00D1D7



A9B4FF



FF989E

Rectangle

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



B8C166



5CCF9B



A9B4FF



FD9BD9

Sweetspot

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



B8C166



F6FAD7



C16E66



7B7D68



FCFCFC



7D7D7D

Same Dimension

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



B8C166



ECFA6B



8CC166



606157



91A100



1E2100

Inverse Universe

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



6F66C1



7A6BFA



9B66C1



585761



1000A1



030021

Previews

White Background



This preview shows how the Hex color B8C166 looks on a white background.

Color Contrast Check

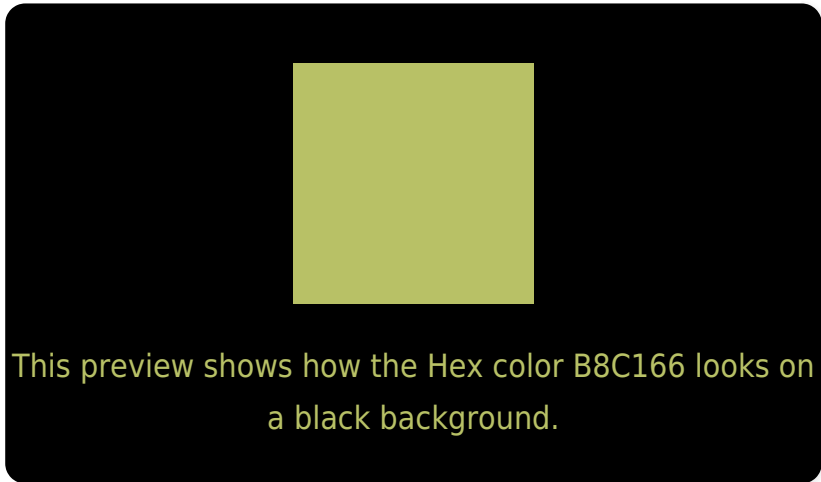
Large Text (above 18pt) WCAG AA × Fail

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

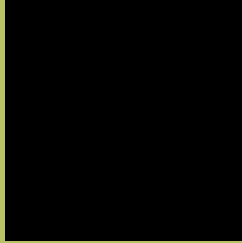
Any Text WCAG AA ✓ Pass

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 B8C166 Background



This preview shows how black text looks on a background with the Hex color B8C166.

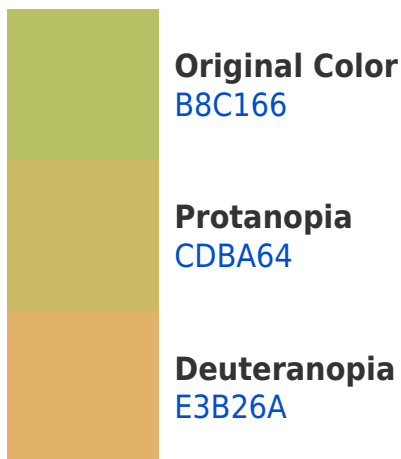


This preview shows how white text looks on a background with the Hex color B8C166.

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](#).

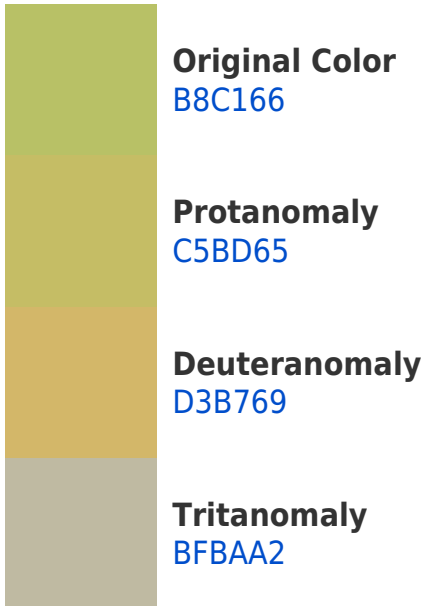
Dichromacy





Tritanopia
C3B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8C166 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 #B8C166 looks like.

```
.text, #text, p{  
    color:#B8C166  
}
```

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 #B8C166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8C166  
}
```

Border

The CSS property to change the border of an element to Hex B8C166 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  
#B8C166 }
```

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

```
.border{ border-color:#B8C166 }
```

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

Here you see how a box with a 4 pixel #B8C166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8C166; -webkit-box-shadow:4px 4px  
4px 4px #B8C166; box-shadow:4px 4px 4px  
4px #B8C166 }
```

Background

The CSS property to change the background color of an element to Hex B8C166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8C166 }
```

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

```
.background{ background-color:#B8C166 }
```

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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