

Converting Colors

Hex(B7C558)

Have a look what the booklet for
Hex(B7C558) contains.

Hex(B7C558)	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(B7C558)

Conversions

Conversions Part 1

Format	Color
Hex	B7C558
RGB	183, 197, 88
RGB Percent	72%, 77%, 35%
CMY	0.2824, 0.2275, 0.6549
CMYK	0.07, 0.00, 0.55, 0.23
HSL	68°, 48%, 56%
HSV	68°, 55%, 77%
XYZ	41.2561, 50.7044, 16.8450
YIQ	180.3880, 26.6450, -36.8670

Conversions

Conversions Part 2

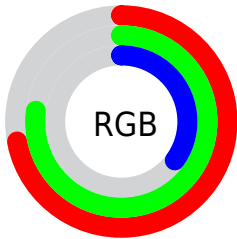
Format	Color
RYB	88, 197, 102
Decimal	12043608
CIELab	76.50, -20.13, 52.12
CIELCh	76, 55.868, 111.118
Yxy	50.7044, 0.3792, 0.4660
Android (android.graphics.Color)	4290233688 (0xFFB7C558)
YUV	180.3880, -45.5473, 2.2907
Hunter-Lab	71.2070, -21.1923, 35.8190

Details

The Hex color **B7C558** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6658C5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F1FE8D**, and **808F23** is the 20% darker color. If you saturate the color by 10%, you get **B4C544**, and if you desaturate by 10%, it is **BAC56C**.

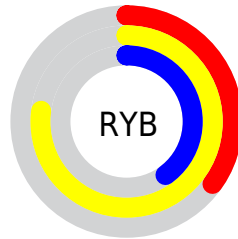
Distribution



Red (72%)

Green (77%)

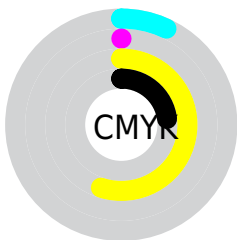
Blue (35%)



Red (35%)

Yellow (77%)

Blue (40%)

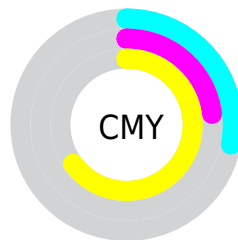


Cyan (7%)

Magenta (0%)

Yellow (55%)

Black (23%)



Cyan (28%)

Magenta (23%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7C558 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 B7C558 by changing the saturation by 10% instead.

 B7C558

 B7C558

FFFFFF

 9BAA3E

 F1FE8D

 808F23

 FFFFA9

 657600

 FFFFC5

 4B5D00

 FFFFFE1

 314500

FFFFFFE

 172F00

 001C00

 000000

 B7C558

 B7C558

 B4C544

 BAC56C

 B2C531

 BCC57F

 AFC51D

 BFC593

 ADC509

 C1C5A7

 ACC500

 C4C5BB

 C6C5CE

 C9C5E2

 CBC5F6

 CEC5FF

Harmonies

Analogous

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



E8B554



B7C558



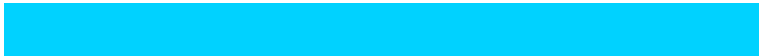
7AD079

Triad

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



B7C558



00D2FF



FF92CE

Complementary

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



B7C558



6658C5

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.



EEA1FE



B7C558



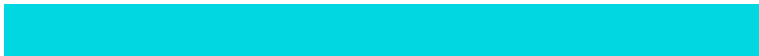
1CC7FF

Square

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



B7C558



00D7E0



A7B5FF



FF939A

Rectangle

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



B7C558



3ED599



A7B5FF



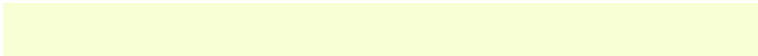
FF96DF

Sweetspot

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



B7C558



F9FFD4



C56558



7C8066



000000



808080

Same Dimension

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



B7C558



E9FF57



82C558



62635A



8EA300



1F2400

Inverse Universe

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



6658C5



6C57FF



9B58C5



5B5A63



1500A3



050024

Previews

White Background



This preview shows how the Hex color B7C558 looks on a white background.

Color Contrast Check

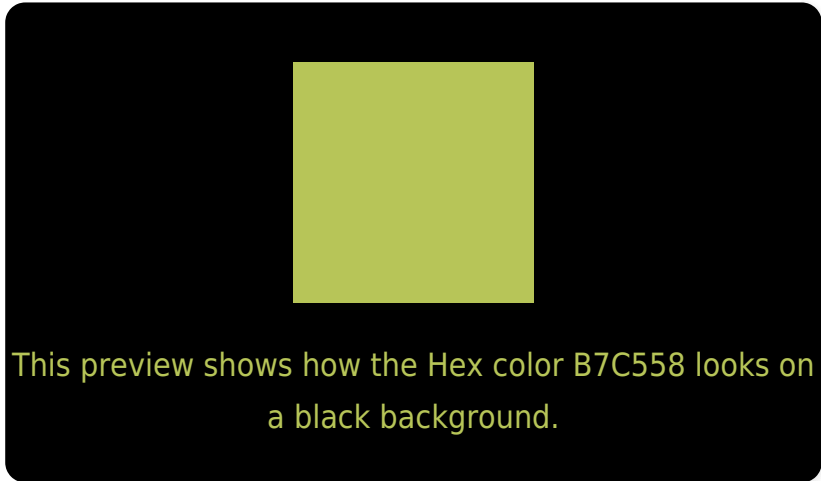
Large Text (above 18pt) WCAG AA × Fail

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 B7C558 Background



This preview shows how black text looks on a background with the Hex color B7C558.

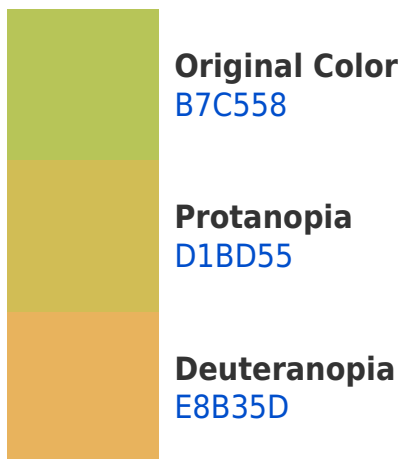


This preview shows how white text looks on a background with the Hex color B7C558.

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](#).

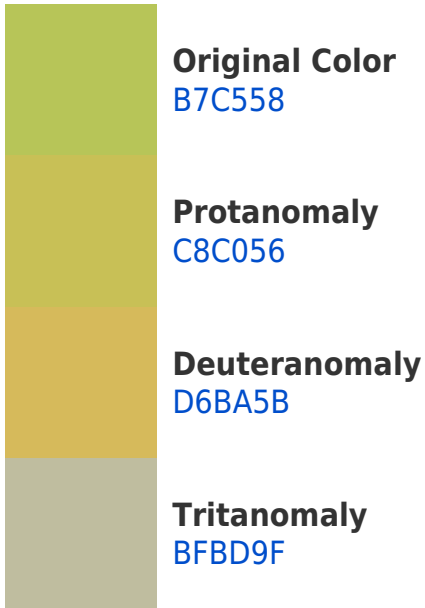
Dichromacy



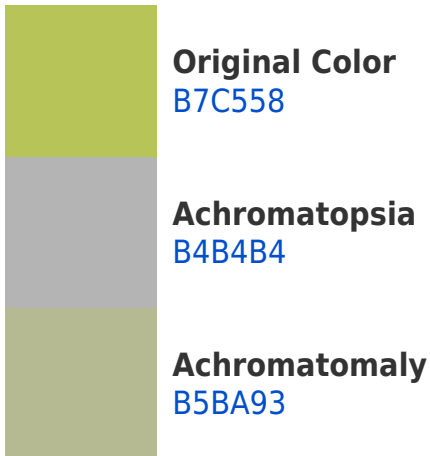


Tritanopia
C3B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7C558 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 #B7C558 looks like.

```
.text, #text, p{  
    color:#B7C558  
}
```

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 #B7C558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C558
}
```

Border

The CSS property to change the border of an element to Hex B7C558 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
#B7C558 }
```

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

```
.border{ border-color:#B7C558 }
```

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

Here you see how a box with a 4 pixel #B7C558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C558; -webkit-box-shadow:4px 4px  
4px 4px #B7C558; box-shadow:4px 4px 4px  
4px #B7C558 }
```

Background

The CSS property to change the background color of an element to Hex B7C558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C558 }
```

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

```
.background{ background-color:#B7C558 }
```

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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