

# Converting Colors

Hex(B5C5A5)

Have a look what the booklet for  
Hex(B5C5A5) contains.

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# **Color**

**Hex(B5C5A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C5A5
RGB	181, 197, 165
RGB Percent	71%, 77%, 65%
CMY	0.2902, 0.2275, 0.3529
CMYK	0.08, 0.00, 0.16, 0.23
HSL	90°, 22%, 71%
HSV	90°, 16%, 77%
XYZ	45.8138, 52.4729, 43.3109
YIQ	188.5680, 0.7360, -13.3440

# Conversions

## Conversions Part 2

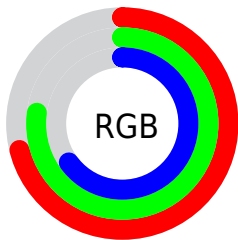
Format	Color
<a href="#">RYB</a>	<a href="#">165, 197, 181</a>
Decimal	<a href="#">11912613</a>
CIELab	<a href="#">77.56, -11.25, 14.23</a>
CIElCh	<a href="#">78, 18.141, 128.345</a>
Yxy	<a href="#">52.4729, 0.3235, 0.3706</a>
Android (android.graphics.Color)	<a href="#">4290102693 (0xFFB5C5A5)</a>
YUV	<a href="#">188.5680, -11.6190, -6.6371</a>
Hunter-Lab	<a href="#">72.4382, -13.8737, 15.2571</a>

# Details

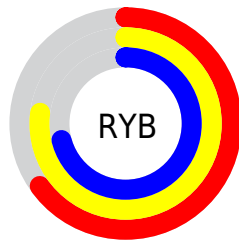
The Hex color **B5C5A5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B5A5C5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EDFEDC**, and **808F71** is the 20% darker color. If you saturate the color by 10%, you get **ABC591**, and if you desaturate by 10%, it is **BFC5B9**.

# Distribution



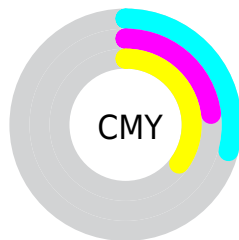
- Red (71%)
- Green (77%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C5A5 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 B5C5A5 by changing the saturation by 10% instead.





B5C5A5



B5C5A5

FFFFFF



9AAA8B



EDFEDC



808F71



FFFFF9



677659



4F5D41



37452B



222F16



0D1B00



000000



B5C5A5



B5C5A5

 ABC591

 BFC5B9

 A1C57E

 C9C5CC

 97C56A

 D3C5E0

 8EC556

 DCC5F4

 84C543

 E6C5FF

 7AC52F

 F0C5FF

 70C51B

 FAC5FF

 66C507

 FFC5FF

 63C500

# Harmonies

## Analogous

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



C8C09E



B5C5A5



A3C8B3

# Triad

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



B5C5A5



9FC5DE



E2B4BB

# Complementary

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



B5C5A5



B5A5C5

# 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.



DAB5CC



B5C5A5



B3C0E1

# Square

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



B5C5A5



94C8D4



C9BADA



E2B6AC

# Rectangle

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



B5C5A5



99C9BE



C9BADA



E1B4C1



# Sweetspot

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



B5C5A5



F9FFF2



C5B5A5



7C8078



000000



808080

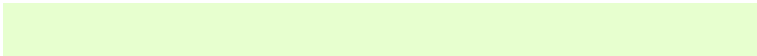


# Same Dimension

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



B5C5A5



E7FFCF



A5C5A5



5E635A



52A300



122400



# Inverse Universe

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



B5A5C5



E7CFFF



C5A5C5



5E5A63



5200A3

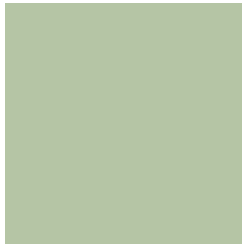


120024



# Previews

## White Background



This preview shows how the Hex color B5C5A5 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 B5C5A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

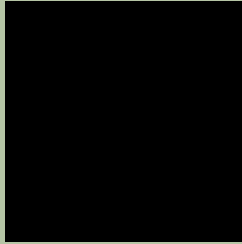
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

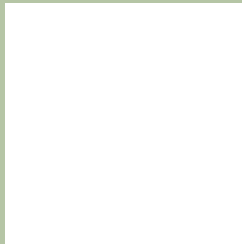
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5C5A5 Background



This preview shows how black text looks on a background with the Hex color B5C5A5.

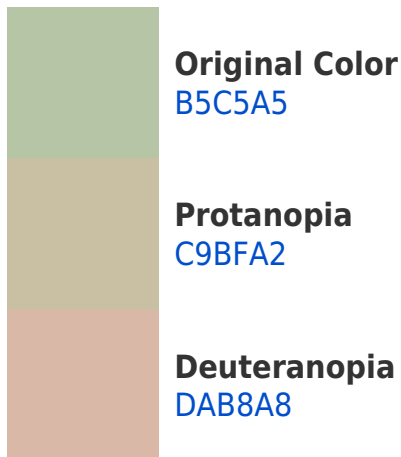


This preview shows how white text looks on a background with the Hex color B5C5A5.

# 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](#).

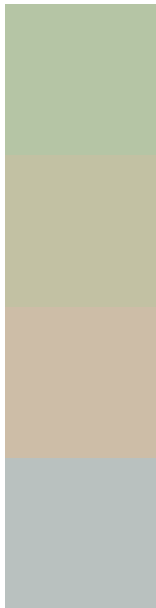
## Dichromacy





**Tritanopia**  
BBBFCE

# Trichromacy



**Original Color**  
B5C5A5

**Protanomaly**  
C2C1A3

**Deuteranomaly**  
CDBDA7

**Tritanomaly**  
B9C1BF

# Monochromacy



**Original Color**  
B5C5A5

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
BAC0B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C5A5 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 #B5C5A5 looks like.

```
.text, #text, p{  
    color:#B5C5A5  
}
```

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 #B5C5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C5A5  
}
```

## Border

The CSS property to change the border of an element to Hex B5C5A5 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  
#B5C5A5 }
```

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

```
.border{ border-color:#B5C5A5 }
```

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

Here you see how a box with a 4 pixel #B5C5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C5A5; -webkit-box-shadow:4px 4px  
4px 4px #B5C5A5; box-shadow:4px 4px 4px  
4px #B5C5A5 }
```

# Background

The CSS property to change the background color of an element to Hex B5C5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C5A5 }
```

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

```
.background{ background-color:#B5C5A5 }
```

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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