

# Converting Colors

Hex(B5A584)

Have a look what the booklet for  
Hex(B5A584) contains.

|  |    |
|--|----|
| <b>Hex(B5A584)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(B5A584)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B5A584                     |
| RGB           | 181, 165, 132              |
| RGB Percent   | 71%, 65%, 52%              |
| CMY           | 0.2902, 0.3529, 0.4824     |
| CMYK          | 0.00, 0.09, 0.27, 0.29     |
| HSL           | 40°, 25%, 61%              |
| HSV           | 40°, 27%, 71%              |
| XYZ           | 36.6760, 38.4000, 27.3087  |
| YIQ           | 166.0220, 20.1290, -6.8710 |

# Conversions

## Conversions Part 2

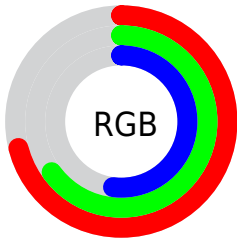
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">156, 181, 132</a>               |
| Decimal                             | <a href="#">11904388</a>                    |
| CIELab                              | <a href="#">68.31, 0.59, 19.24</a>          |
| CIElCh                              | <a href="#">68, 19.251, 88.244</a>          |
| Yxy                                 | <a href="#">38.4000, 0.3582, 0.3751</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4290094468<br/>(0xFFB5A584)</a> |
| YUV                                 | <a href="#">166.0220, -16.7728, 13.1357</a> |
| Hunter-Lab                          | <a href="#">61.9677, -2.7969, 17.2487</a>   |

# Details

The Hex color **B5A584** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8494B5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EDDCB9**, and **807152** is the 20% darker color. If you saturate the color by 10%, you get **B59F72**, and if you desaturate by 10%, it is **B5AB96**.

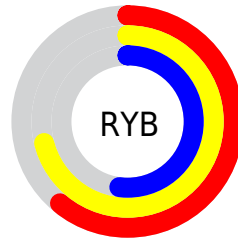
# Distribution



Red (71%)

Green (65%)

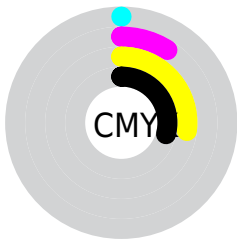
Blue (52%)



Red (61%)

Yellow (71%)

Blue (52%)

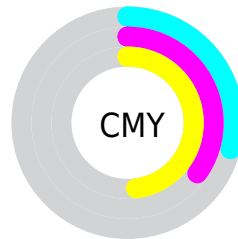


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5A584 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 B5A584 by changing the saturation by 10% instead.





B5A584



B5A584

FFFFFF



9A8B6B



EDDCB9



807152



FFF8D5



66593B



FFFFF1



4D4225



362C10



201700



000000



B5A584



B5A584



B59F72



B5AB96

 B59960

 B5B1A8

 B5934E

 B5B7BA

 B58D3C

 B5BDCC

 B5872A

 B5C3DF

 B58217

 B5C8F1

 B57C05

 B5CEFF

 B57A00

 B5D4FF

 B5DAFF

# Harmonies

## Analogous

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



C39F8A



B5A584



A2AA88

# Triad

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



B5A584



77B0B6



BC9DB9

# Complementary

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



B5A584



8494B5

# 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.



A8A2C5



B5A584



7EADC4

# Square

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



B5A584



7EB1A5



91A8C9



C89AA8

# Rectangle

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



B5A584



95AD8F



91A8C9



B69FBE

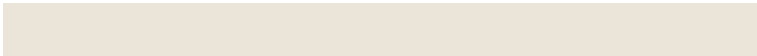


# Sweetspot

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



B5A584



EBE4D8



B58494



75716A



F5F5F5



757575



# Same Dimension

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



B5A584



EBD2A0



ADB584



595650



996700



1A1100



# Inverse Universe

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



8494B5



A0B8EB



8C84B5



505359



003299

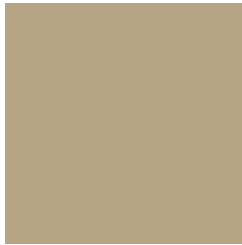


00081A



# Previews

## White Background



This preview shows how the Hex color B5A584 looks on a white background.

## Color Contrast Check

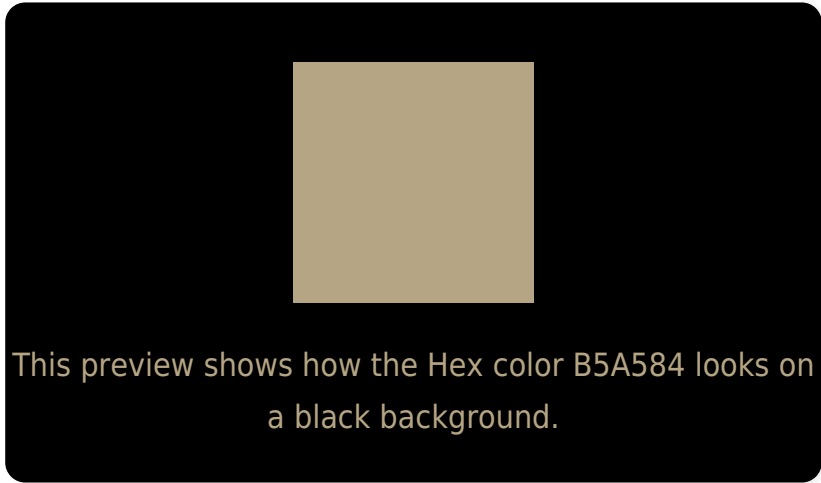
Large Text (above 18pt) WCAG AA × Fail

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

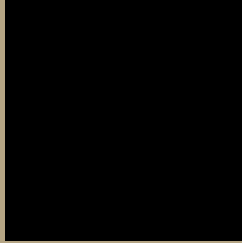
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5A584 Background



This preview shows how black text looks on a background with the Hex color B5A584.

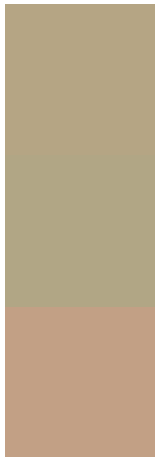


This preview shows how white text looks on a background with the Hex color B5A584.

# 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



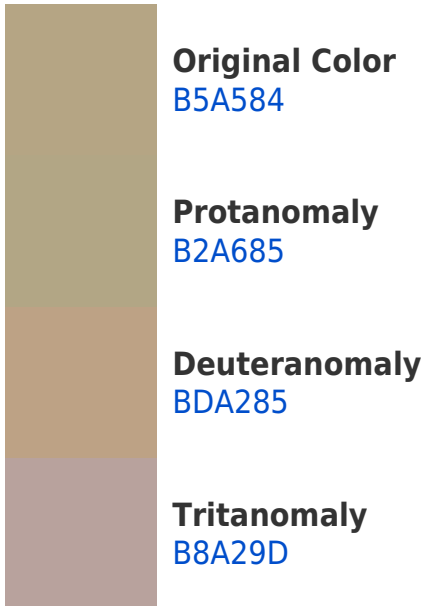
**Original Color**  
B5A584

**Protanopia**  
B1A685

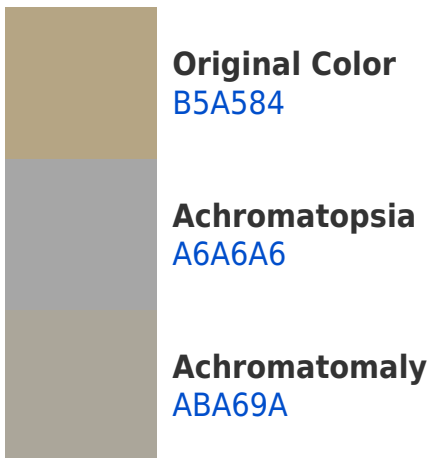
**Deuteranopia**  
C2A085



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5A584 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 #B5A584 looks like.

```
.text, #text, p{  
    color:#B5A584  
}
```

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 #B5A584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A584
}
```

## Border

The CSS property to change the border of an element to Hex B5A584 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
#B5A584 }
```

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

```
.border{ border-color:#B5A584 }
```

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

Here you see how a box with a 4 pixel #B5A584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A584; -webkit-box-shadow:4px 4px  
4px 4px #B5A584; box-shadow:4px 4px 4px  
4px #B5A584 }
```

# Background

The CSS property to change the background color of an element to Hex B5A584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A584 }
```

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

```
.background{ background-color:#B5A584 }
```

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