

# Converting Colors

Hex(B7A583)

Have a look what the booklet for  
Hex(B7A583) contains.

<b>Hex(B7A583)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B7A583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7A583
RGB	183, 165, 131
RGB Percent	72%, 65%, 51%
CMY	0.2824, 0.3529, 0.4863
CMYK	0.00, 0.10, 0.28, 0.28
HSL	39°, 27%, 62%
HSV	39°, 28%, 72%
XYZ	37.0803, 38.6162, 26.9721
YIQ	166.5060, 21.6420, -6.7580

# Conversions

## Conversions Part 2

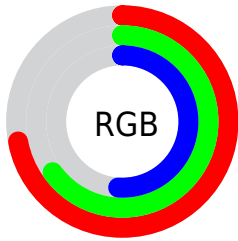
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 183, 131
Decimal	12035459
CIELab	68.47, 1.24, 20.03
CIELCh	68, 20.073, 86.454
Yxy	38.6162, 0.3612, 0.3761
Android (android.graphics.Color)	4290225539 (0xFFB7A583)
YUV	166.5060, -17.5045, 14.4652
Hunter-Lab	62.1420, -2.2369, 17.7652

# Details

The Hex color **B7A583** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8395B7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F0DCB8**, and **817151** is the 20% darker color. If you saturate the color by 10%, you get **B79F71**, and if you desaturate by 10%, it is **B7AB95**.

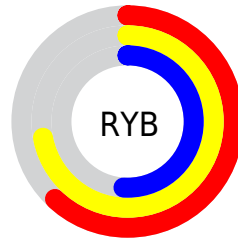
# Distribution



Red (72%)

Green (65%)

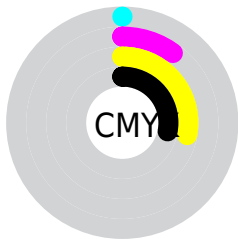
Blue (51%)



Red (62%)

Yellow (72%)

Blue (51%)

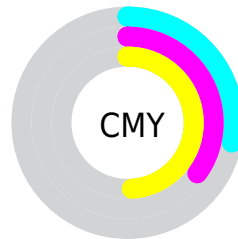


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7A583 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 B7A583 by changing the saturation by 10% instead.



 B7A583

 B7A583

FFFFFF

 9C8B6A

 F0DCB8

 817151


 FFF8D4

 68593A

 FFFFF0

 4F4224

 372C0F

 211700

 000000

 B7A583

 B7A583

 B79F71

 B7AB95

 B7985E

 B7B2A8

 B7924C

 B7B8BA

 B78C3A

 B7BECC

 B78527

 B7C5DE

 B77F15

 B7CBF1

 B77903

 B7D1FF

 B77800

 B7D8FF

 B7DEFF

# Harmonies

## Analogous

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



C69F89



B7A583



A4AB86

# Triad

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



B7A583



75B1B6



BD9DBB

# Complementary

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



B7A583



8395B7

# 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.



A7A3C7



B7A583



7CAEC5

# Square

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



B7A583



7DB1A4



8FA9CB



CA9AAA

# Rectangle

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



B7A583



96AE8E



8FA9CB



B69FC0

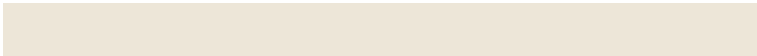


# Sweetspot

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



B7A583



EDE6D8



B78395



78736B



F7F7F7



787878



# Same Dimension

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



B7A583



EDD19D



AFB783



5C5953



9C6600



1C1200



# Inverse Universe

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



8395B7



9DB8ED



8B83B7



53565C



00369C



000A1C



# Previews

## White Background



This preview shows how the Hex color B7A583 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

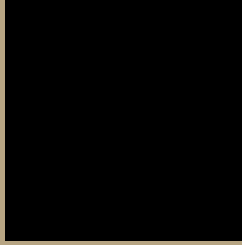
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

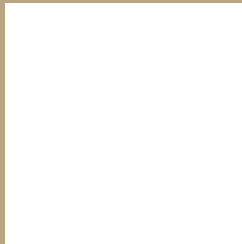
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7A583 Background



This preview shows how black text looks on a background with the Hex color B7A583.

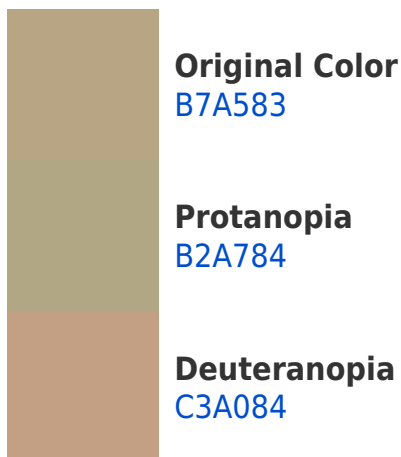


This preview shows how white text looks on a background with the Hex color B7A583.

# 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](#).

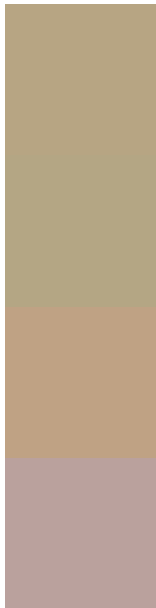
## Dichromacy





**Tritanopia**  
BC9FAC

# Trichromacy



**Original Color**  
B7A583

**Protanomaly**  
B4A684

**Deuteranomaly**  
BFA284

**Tritanomaly**  
BAA19D

# Monochromacy



**Original Color**  
B7A583

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ADA69A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7A583 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 #B7A583 looks like.

```
.text, #text, p{  
    color:#B7A583  
}
```

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 #B7A583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A583
}
```

## Border

The CSS property to change the border of an element to Hex B7A583 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
#B7A583 }
```

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

```
.border{ border-color:#B7A583 }
```

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

Here you see how a box with a 4 pixel #B7A583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A583; -webkit-box-shadow:4px 4px  
4px 4px #B7A583; box-shadow:4px 4px 4px  
4px #B7A583 }
```

# Background

The CSS property to change the background color of an element to Hex B7A583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A583 }
```

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

```
.background{ background-color:#B7A583 }
```

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