

Converting Colors

Hex(BBA583)

Have a look what the booklet for
Hex(BBA583) contains.

Hex(BBA583)	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(BBA583)

Conversions

Conversions Part 1

Format	Color
Hex	BBA583
RGB	187, 165, 131
RGB Percent	73%, 65%, 51%
CMY	0.2667, 0.3529, 0.4863
CMYK	0.00, 0.12, 0.30, 0.27
HSL	36°, 29%, 62%
HSV	36°, 30%, 73%
XYZ	38.0454, 39.1138, 27.0172
YIQ	167.7020, 24.0260, -5.9100

Conversions

Conversions Part 2

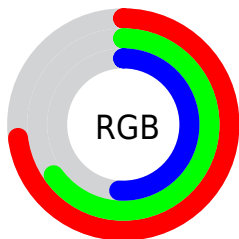
Format	Color
RYB	167, 187, 131
Decimal	12297603
CIELab	68.83, 2.83, 20.59
CIELCh	69, 20.781, 82.181
Yxy	39.1138, 0.3652, 0.3755
Android (android.graphics.Color)	4290487683 (0xFFBBA583)
YUV	167.7020, -18.0941, 16.9243
Hunter-Lab	62.5410, -0.8603, 18.1659

Details

The Hex color **BBA583** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8399BB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F4DCB8**, and **857151** is the 20% darker color. If you saturate the color by 10%, you get **BB9E70**, and if you desaturate by 10%, it is **BBAC96**.

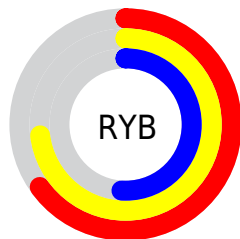
Distribution



Red (73%)

Green (65%)

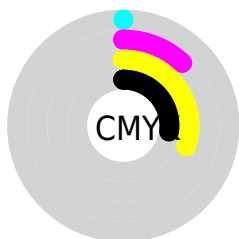
Blue (51%)



Red (65%)

Yellow (73%)

Blue (51%)

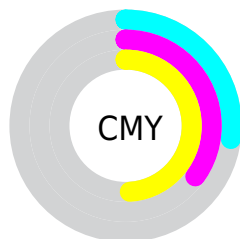


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA583 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 BBA583 by changing the saturation by 10% instead.

 BBA583

 BBA583

FFFFFF

 A08B6A

 F4DCB8

 857151

 FFF8D4

 6B593A

 FFFFF0

 524224

 3A2C0F

 241700

 000000

 BBA583

 BBA583

 BB9E70

 BBAC96

 BB965E

 BBB4A8

 BB8F4B

 BBBBBB

 BB8838

 BBC2CE

 BB8025

 BBCAE0

 BB7913

 BBD1F3

 BB7200

 BBD8FF

 BBE0FF

 BBE7FF

Harmonies

Analogous

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



C99F8B



BBA583



A7AB85

Triad

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



BBA583



74B3B5



BC9FBF

Complementary

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



BBA583



8399BB

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.



A5A5CB



BBA583



79B0C5

Square

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



BBA583



7FB2A2



8CABCD



CA9BAE

Rectangle

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



BBA583



99AE8C



8CABCD



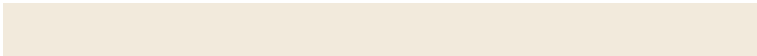
B5A1C4

Sweetspot

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



BBA583



F2EADC



BB8399



7A756D



FAFAFA



7A7A7A

Same Dimension

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



BBA583



F2D09B



B5BB83



5E5B55



9E6000



1F1300

Inverse Universe

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



8399BB



9BBD2



8983BB



55595E



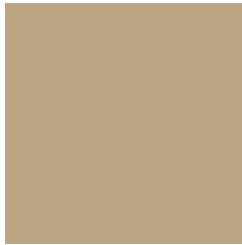
003E9E



000C1F

Previews

White Background



This preview shows how the Hex color BBA583 looks on a white background.

Color Contrast Check

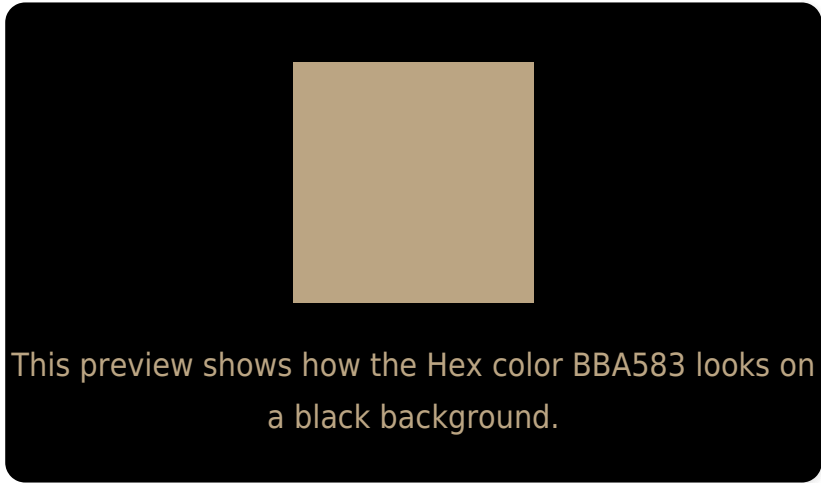
Large Text (above 18pt) WCAG AA × Fail

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

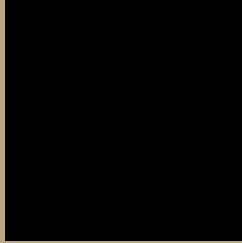
Any Text WCAG AA ✓ Pass

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 BBA583 Background



This preview shows how black text looks on a background with the Hex color BBA583.



This preview shows how white text looks on a background with the Hex color BBA583.

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

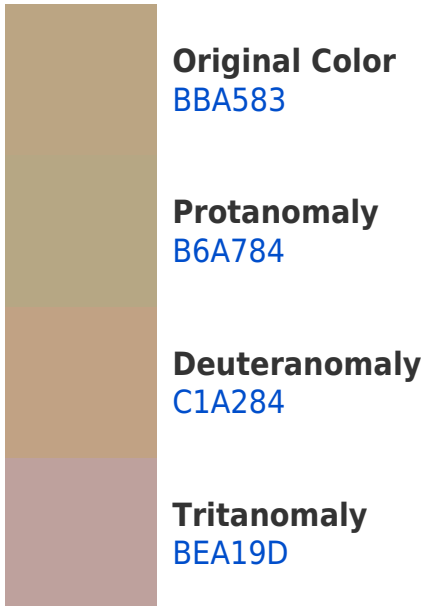


Original Color
BBA583

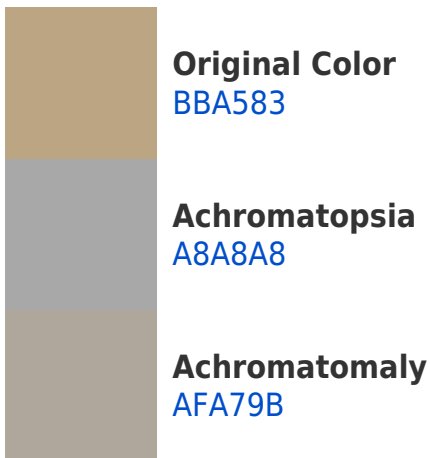
Protanopia
B3A884

Deuteranopia
C5A184

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA583 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 #BBA583 looks like.

```
.text, #text, p{  
    color:#BBA583  
}
```

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 #BBA583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA583  
}
```

Border

The CSS property to change the border of an element to Hex BBA583 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  
#BBA583 }
```

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

```
.border{ border-color:#BBA583 }
```

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

Here you see how a box with a 4 pixel #BBA583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA583; -webkit-box-shadow:4px 4px  
4px 4px #BBA583; box-shadow:4px 4px 4px  
4px #BBA583 }
```

Background

The CSS property to change the background color of an element to Hex BBA583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA583 }
```

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

```
.background{ background-color:#BBA583 }
```

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