

# Converting Colors

Hex(BBAF91)

Have a look what the booklet for  
Hex(BBAF91) contains.

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# **Color**

**Hex(BBAF91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BBAF91</a>
RGB	<a href="#">187, 175, 145</a>
RGB Percent	<a href="#">73%, 69%, 57%</a>
CMY	<a href="#">0.2667, 0.3137, 0.4314</a>
CMYK	<a href="#">0.00, 0.06, 0.22, 0.27</a>
HSL	<a href="#">43°, 24%, 65%</a>
HSV	<a href="#">43°, 22%, 73%</a>
XYZ	<a href="#">40.9343, 43.2691, 32.9824</a>
YIQ	<a href="#">175.1680, 16.7820, -6.7860</a>

# Conversions

## Conversions Part 2

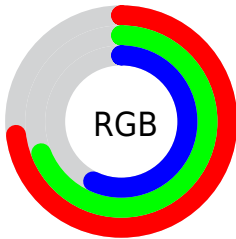
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 187, 145
Decimal	12300177
CIELab	71.74, -0.59, 16.95
CIELCh	72, 16.962, 91.988
Yxy	43.2691, 0.3493, 0.3692
Android (android.graphics.Color)	4290490257 (0xFFBBAF91)
YUV	175.1680, -14.8728, 10.3767
Hunter-Lab	65.7792, -4.0334, 16.3169

# Details

The Hex color **BBAF91** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **919DBB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F3E6C7**, and **857B5E** is the 20% darker color. If you saturate the color by 10%, you get **BBA7E**, and if you desaturate by 10%, it is **BBB4A4**.

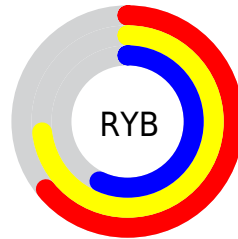
# Distribution



Red (73%)

Green (69%)

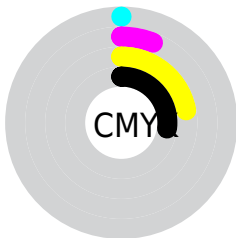
Blue (57%)



Red (64%)

Yellow (73%)

Blue (57%)

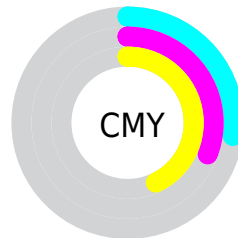


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAF91 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 BBAF91 by changing the saturation by 10% instead.





BBAF91



BBAF91

FFFFFF



A09477



F3E6C7



857B5E



FFFFE3



6C6247



534A30



3B341B



261E01



080700



000000



BBAF91



BBAF91

 BBAA7E

 BBB4A4

 BBA46C

 BBBAB6

 BB9F59

 BBBFC9

 BB9A46

 BBC4DC

 BB9434

 BBCAEE

 BB8F21

 BBCFFF

 BB8A0E

 BBD4FF

 BB8600

 BBDAFF

 BBDDFF

# Harmonies

## Analogous

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



C9AA95



BBAF91



AAB495

# Triad

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



BBAF91



87B8C0



C5A7BF

# Complementary

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



**BBAF91**



**919DBB**

# 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.



B4ABCA



BBAF91



8FB5CB

# Square

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



BBAF91



8BB9B0



A0B1CE



CFA5AF

# Rectangle

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



BBAF91



9EB69C



A0B1CE



C0A8C3



# Sweetspot

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



BBAF91



F2EDE1



BB919E



7A7871



FAFAFA



7A7A7A



# Same Dimension

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



BBAF91



F2E0B1



B3BB91



5E5C55



9E7100



1F1600



# Inverse Universe

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



919DBB



B1C4F2



9991BB



55585E



002D9E



00091F



# Previews

## White Background



This preview shows how the Hex color BBAF91 looks on a white background.

## Color Contrast Check

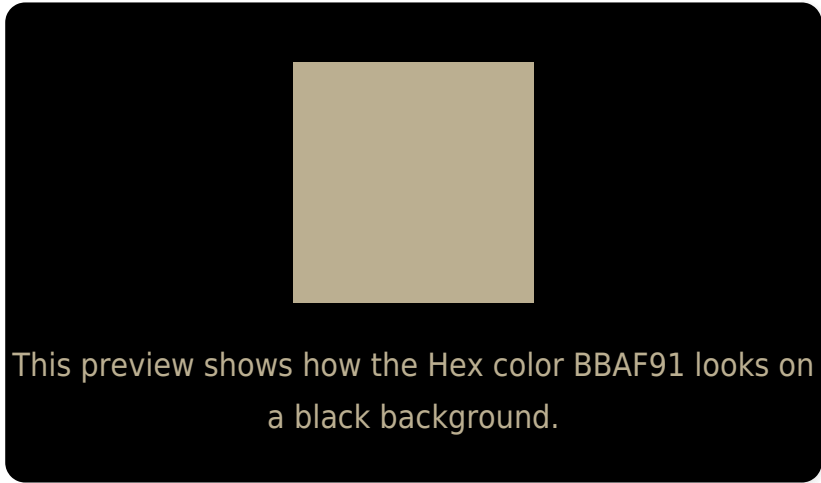
Large Text (above 18pt) WCAG AA × Fail

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

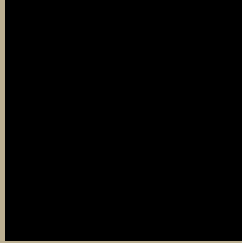
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

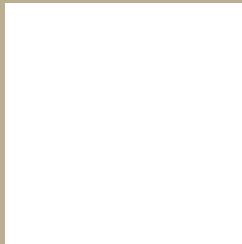
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBAF91 Background



This preview shows how black text looks on a background with the Hex color BBAF91.



This preview shows how white text looks on a background with the Hex color BBAF91.

# 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



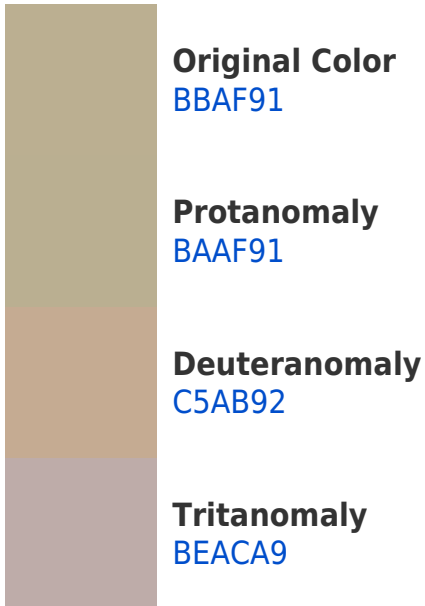
**Original Color**  
BBAF91

**Protanopia**  
BAAF91

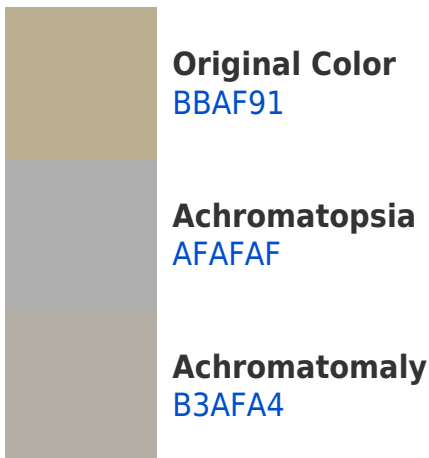
**Deuteranopia**  
CBA992



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAF91 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 #BBAF91 looks like.

```
.text, #text, p{  
    color:#BBAF91  
}
```

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 #BBAF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAF91
}
```

## Border

The CSS property to change the border of an element to Hex BBAF91 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
#BBAF91 }
```

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

```
.border{ border-color:#BBAF91 }
```

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

Here you see how a box with a 4 pixel #BBAF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAF91; -webkit-box-shadow:4px 4px  
4px 4px #BBAF91; box-shadow:4px 4px 4px  
4px #BBAF91 }
```

# Background

The CSS property to change the background color of an element to Hex BBAF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAF91 }
```

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

```
.background{ background-color:#BBAF91 }
```

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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