

# Converting Colors

Hex(BDA890)

Have a look what the booklet for  
Hex(BDA890) contains.

|  |    |
|--|----|
| <b>Hex(BDA890)</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(BDA890)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BDA890                     |
| RGB         | 189, 168, 144              |
| RGB Percent | 74%, 66%, 56%              |
| CMY         | 0.2588, 0.3412, 0.4353     |
| CMYK        | 0.00, 0.11, 0.24, 0.26     |
| HSL         | 32°, 25%, 65%              |
| HSV         | 32°, 24%, 74%              |
| XYZ         | 40.0229, 40.8377, 32.1586  |
| YIQ         | 171.5430, 20.2200, -3.0120 |

# Conversions

## Conversions Part 2

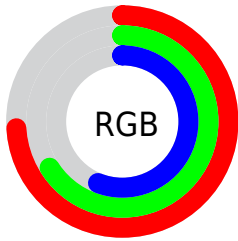
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">183, 189, 144</a>                   |
| Decimal                             | <a href="#">12429456</a>                        |
| CIELab                              | <a href="#">70.06, 3.81, 15.19</a>              |
| CIELCh                              | <a href="#">70, 15.662, 75.925</a>              |
| Yxy                                 | <a href="#">40.8377, 0.3541,<br/>0.3613</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4290619536<br/>(0xFFBDA890)</a>     |
| YUV                                 | <a href="#">171.5430, -13.5787,<br/>15.3098</a> |
| Hunter-Lab                          | <a href="#">63.9044, -0.0392,<br/>14.8966</a>   |

# Details

The Hex color **BDA890** is a light color, and the websafe version is hex **999999**. A complement of this color would be **90A5BD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F6DFC6**, and **87745E** is the 20% darker color. If you saturate the color by 10%, you get **BD9F7D**, and if you desaturate by 10%, it is **BDB1A3**.

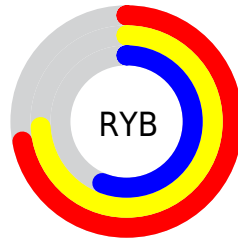
# Distribution



Red (74%)

Green (66%)

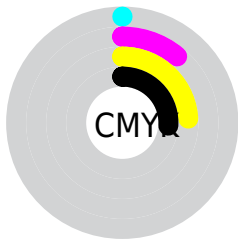
Blue (56%)



Red (72%)

Yellow (74%)

Blue (56%)

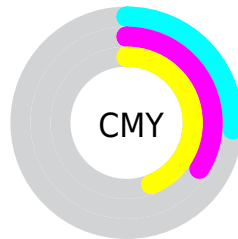


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDA890 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 BDA890 by changing the saturation by 10% instead.



 BDA890

 BDA890

FFFFFF

 A28E76

 F6DFC6

 87745E

 FFFCE2

 6D5C46

 55442F

 3D2E1A

 271900

 0A0000

 000000

 BDA890

 BDA890

 BD9F7D

 BDB1A3

 BD966A

 BDBAB6

 BD8E57

 BDC2C9

 BD8544

 BDCBDC

 BD7C31

 BDD4EF

 BD731F

 BDDDFE

 BD6A0C

 BDE6FF

 BD6500

 BDEFFF

 BDF7FF

# Harmonies

## Analogous

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



C7A497



BDA890



AFAD90

# Triad

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



BDA890



87B4B2



B7A5BF

# Complementary

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



BDA890



90A5BD

# 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.



A5AAC6



BDA890



88B2BF

# Square

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



BDA890



8FB3A4



94AFC6



C4A2B3

# Rectangle

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



BDA890



A4AF94



94AFC6



B1A7C2

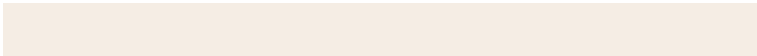


# Sweetspot

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



BDA890



F5EDE4



BD90A5



7A7671



FAFAFA



7A7A7A



# Same Dimension

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



BDA890



F5D4AE



BCBD90



5E5A55



9E5400



1F1000



# Inverse Universe

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



90A5BD



AECFF5



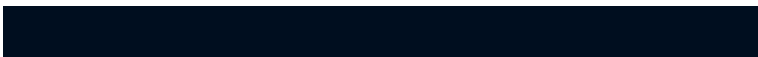
9290BD



55595E



004A9E

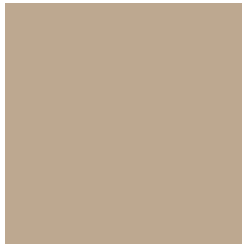


000E1F



# Previews

## White Background



This preview shows how the Hex color BDA890 looks on a white background.

## Color Contrast Check

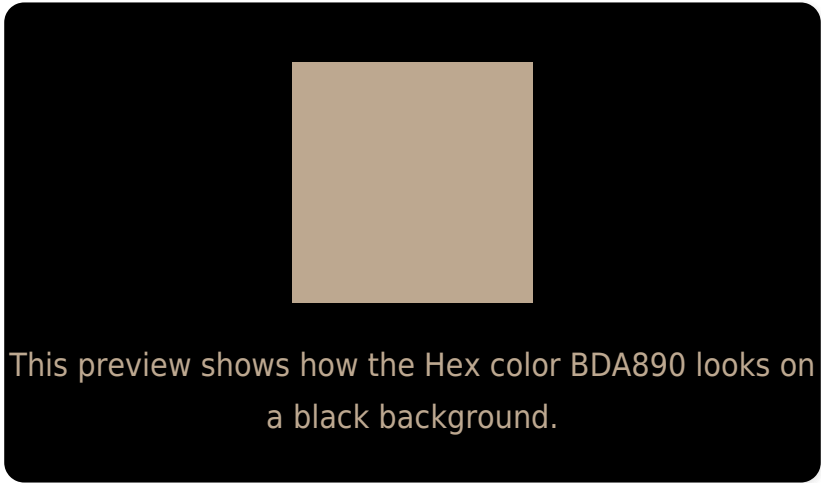
Large Text (above 18pt) WCAG AA × Fail

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

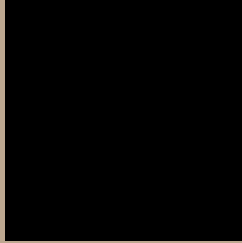
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

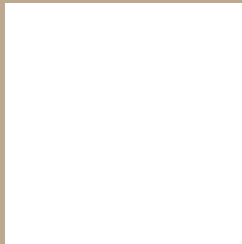
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDA890 Background



This preview shows how black text looks on a background with the Hex color BDA890.

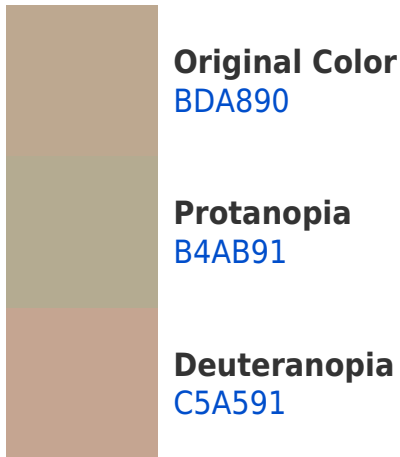


This preview shows how white text looks on a background with the Hex color BDA890.

# 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**  
C1A3B0

# Trichromacy



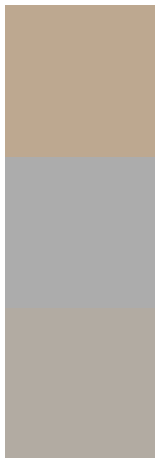
**Original Color**  
BDA890

**Protanomaly**  
B7AA91

**Deuteranomaly**  
C2A691

**Tritanomaly**  
C0A5A4

# Monochromacy



**Original Color**  
BDA890

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B2ABA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDA890 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 #BDA890 looks like.

```
.text, #text, p{  
    color:#BDA890  
}
```

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 #BDA890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA890
}
```

## Border

The CSS property to change the border of an element to Hex BDA890 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
#BDA890 }
```

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

```
.border{ border-color:#BDA890 }
```

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

Here you see how a box with a 4 pixel #BDA890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA890; -webkit-box-shadow:4px 4px  
4px 4px #BDA890; box-shadow:4px 4px 4px  
4px #BDA890 }
```

# Background

The CSS property to change the background color of an element to Hex BDA890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA890 }
```

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

```
.background{ background-color:#BDA890 }
```

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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