

# Converting Colors

Hex(BDA572)

Have a look what the booklet for  
Hex(BDA572) contains.

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# **Color**

**Hex(BDA572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDA572</a>
RGB	<a href="#">189, 165, 114</a>
RGB Percent	<a href="#">74%, 65%, 45%</a>
CMY	<a href="#">0.2588, 0.3529, 0.5529</a>
CMYK	<a href="#">0.00, 0.13, 0.40, 0.26</a>
HSL	<a href="#">41°, 36%, 59%</a>
HSV	<a href="#">41°, 40%, 74%</a>
XYZ	<a href="#">37.4787, 38.9440, 21.4612</a>
YIQ	<a href="#">166.3620, 30.6750, -10.7730</a>

# Conversions

## Conversions Part 2

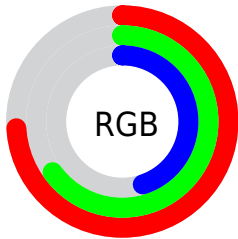
Format	Color
<b>RYB</b>	149, 189, 114
Decimal	12428658
CIELab	68.71, 1.52, 29.66
CIELCh	69, 29.698, 87.070
Yxy	38.9440, 0.3829, 0.3979
Android (android.graphics.Color)	4290618738 (0xFFBDA572)
YUV	166.3620, -25.8145, 19.8535
Hunter-Lab	62.4051, -2.0072, 23.2937

# Details

The Hex color **BDA572** is a light color, and the websafe version is hex **999966**. A complement of this color would be **728ABD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F6DCA6**, and **867141** is the 20% darker color. If you saturate the color by 10%, you get **BD9F5F**, and if you desaturate by 10%, it is **BDAB85**.

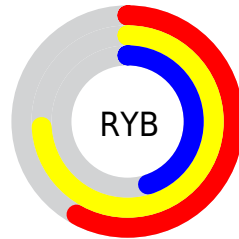
# Distribution



Red (74%)

Green (65%)

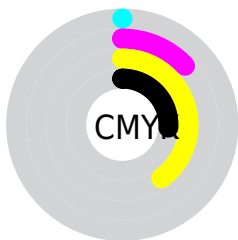
Blue (45%)



Red (58%)

Yellow (74%)

Blue (45%)

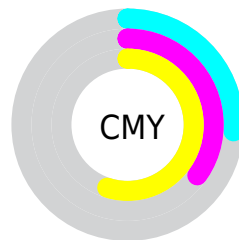


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDA572 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 BDA572 by changing the saturation by 10% instead.



 BDA572

 BDA572

FFFFFF

 A18B59

 F6DCA6

 867141

 FFF8C2

 6C592A

 FFFFDE

 524214

 FFFFFB

 3A2C00

 221700

 000000

 BDA572

 BDA572

 BD9F5F

 BDAB85

 BD994C

 BDB198

 BD9339

 BDB7AB

 BD8D26

 BDBDBE

 BD8713

 BDC3D1

 BD8101

 BDC9E3

 BD8100

 BDCFF6

 BDD5FF

 BDDBFF

# Harmonies

## Analogous

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



D29C7B



BDA572



A1AD77

# Triad

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



BDA572



51B6BF



C799C5

# Complementary

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



BDA572



728ABD

# 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.



A8A2D7



BDA572



5DB2D4

# Square

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



BDA572



64B6A4



81ABDD



DA94AB

# Rectangle

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



BDA572



8CB282



81ABDD



BE9BCC



# Sweetspot

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



BDA572



F5EBD7



BD728B



7A7569



FAFAFA



7A7A7A



# Same Dimension

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



BDA572



F5CF7F



B1BD72



5E5B55



9E6C00



1F1500



# Inverse Universe

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



728ABD



7FA5F5



7E72BD



55585E



00339E



000A1F



# Previews

## White Background



This preview shows how the Hex color BDA572 looks on a white background.

## Color Contrast Check

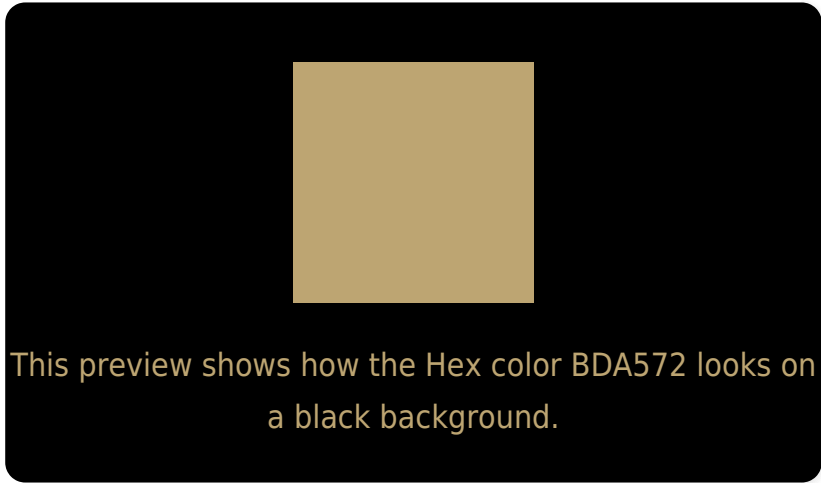
Large Text (above 18pt) WCAG AA × Fail

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 BDA572 Background



This preview shows how black text looks on a background with the Hex color BDA572.



This preview shows how white text looks on a background with the Hex color BDA572.

# 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**  
BDA572

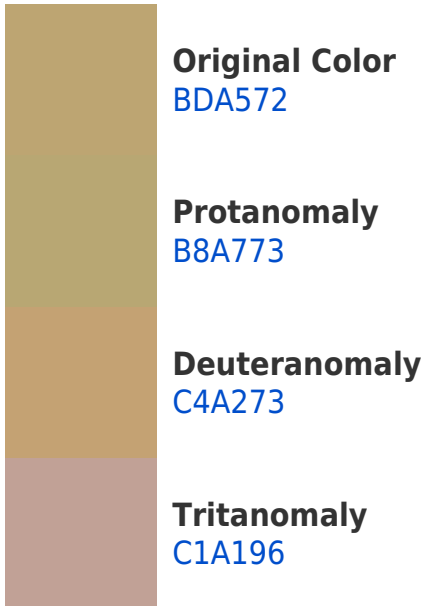
**Protanopia**  
B5A873

**Deuteranopia**  
C8A073

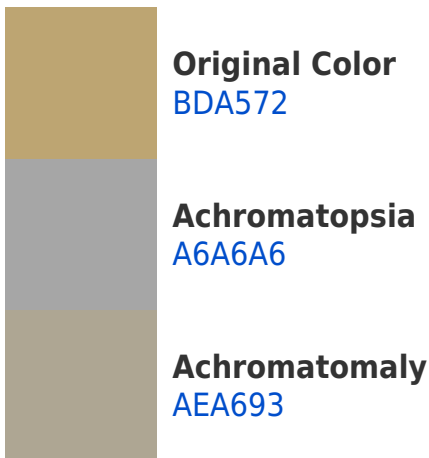


**Tritanopia**  
C39EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDA572 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 #BDA572 looks like.

```
.text, #text, p{  
    color:#BDA572  
}
```

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 #BDA572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA572
}
```

## Border

The CSS property to change the border of an element to Hex BDA572 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
#BDA572 }
```

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

```
.border{ border-color:#BDA572 }
```

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

Here you see how a box with a 4 pixel #BDA572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA572; -webkit-box-shadow:4px 4px  
4px 4px #BDA572; box-shadow:4px 4px 4px  
4px #BDA572 }
```

# Background

The CSS property to change the background color of an element to Hex BDA572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA572 }
```

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

```
.background{ background-color:#BDA572 }
```

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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