

Converting Colors

Hex(BDA400)

Have a look what the booklet for
Hex(BDA400) contains.

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Color

Hex(BDA400)

Conversions

Conversions Part 1

Format	Color
Hex	BDA400
RGB	189, 164, 0
RGB Percent	74%, 64%, 0%
CMY	0.2588, 0.3569, 1.0000
CMYK	0.00, 0.13, 1.00, 0.26
HSL	52°, 100%, 37%
HSV	52°, 100%, 74%
XYZ	34.2617, 37.3697, 5.4073
YIQ	152.7790, 67.5440, -45.7040

Conversions

Conversions Part 2

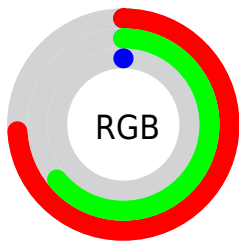
Format	Color
RYB	29, 189, 0
Decimal	12428288
CIELab	67.55, -4.30, 70.54
CIElCh	68, 70.675, 93.488
Yxy	37.3697, 0.4447, 0.4851
Android (android.graphics.Color)	4290618368 (0xFFBDA400)
YUV	152.7790, -75.3200, 31.7658
Hunter-Lab	61.1308, -6.9357, 37.5471

Details

The Hex color **BDA400** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0019BD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F9DB4C**, and **837100** is the 20% darker color. If you saturate the color by 10%, you get **BDA400**, and if you desaturate by 10%, it is **BDA713**.

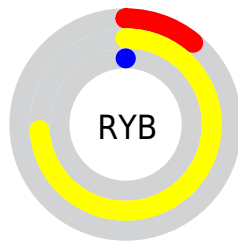
Distribution



Red (74%)

Green (64%)

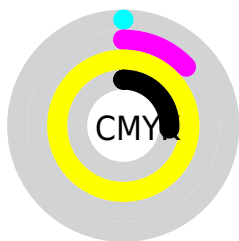
Blue (0%)



Red (11%)

Yellow (74%)

Blue (0%)

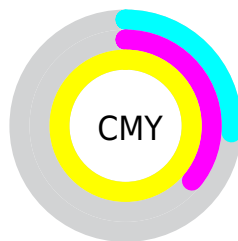


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA400 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 BDA400 by changing the saturation by 10% instead.

 BDA400

 BDA400

FFFFFF

 A08A00

 F9DB4C

 837100

 FFF768

 675900

 FFFF84

 4B4200

 FFFFA0

 312C00

 FFFFBD

 191800

 FFFFDA

 000000

 FFFFF7

 BDA400

 BDA713

 BDA926

 BDAC39

 BDAE4C

 BDB15F

 BDB371

 BDB684

 BDB897

 BDBBAA

Harmonies

Analogous

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



F08C2C



BDA400



7CB52D

Triad

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



BDA400



00C1E9



F773DF

Complementary

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



BDA400



0019BD

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.



AE90FF



BDA400



00BAFF

Square

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



BDA400



00C2AA



00AAFF



FF64A0

Rectangle

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



BDA400



39BC54



00AAFF



E47DF1

Sweetspot

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



BDA400



F5EBAB



BD0019



7A754E



FAFAFA



7A7A7A

Same Dimension

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



BDA400



F5D400



78BD00



5E5D55



9E8900



1F1B00

Inverse Universe

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



0019BD



0020F5



4500BD



55565E



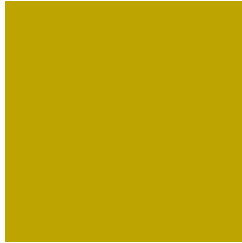
00159E



00041F

Previews

White Background



This preview shows how the Hex color BDA400 looks on a white background.

Color Contrast Check

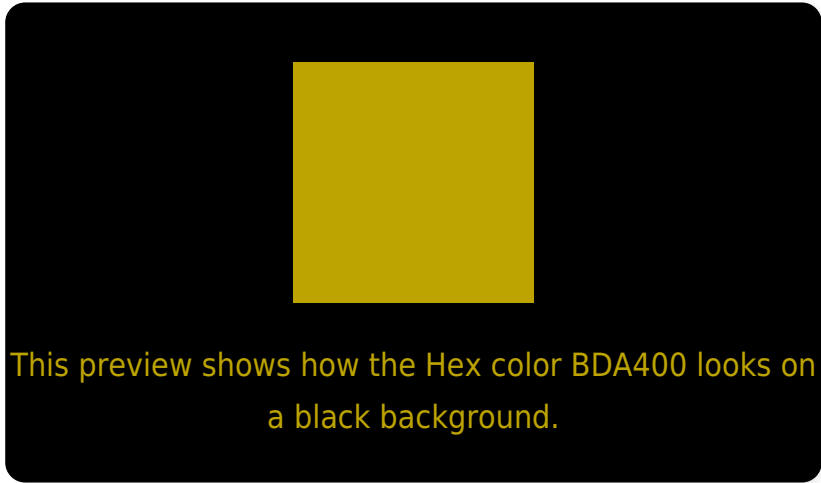
Large Text (above 18pt) WCAG AA × Fail

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 BDA400 Background



This preview shows how black text looks on a background with the Hex color BDA400.

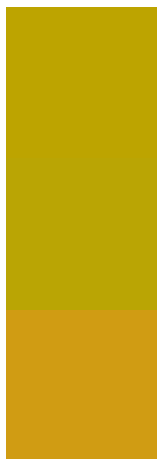


This preview shows how white text looks on a background with the Hex color BDA400.

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
BDA400

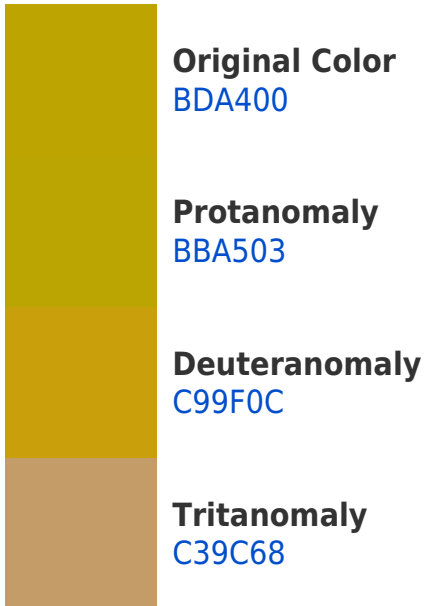
Protanopia
BAA504

Deuteranopia
D09C13

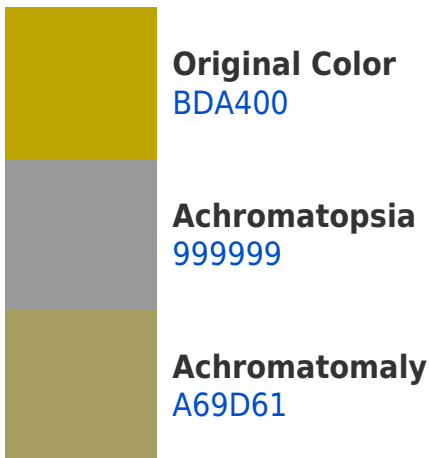


Tritanopia
C698A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDA400 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 #BDA400 looks like.

```
.text, #text, p{  
    color:#BDA400  
}
```

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 #BDA400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA400
}
```

Border

The CSS property to change the border of an element to Hex BDA400 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
#BDA400 }
```

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

```
.border{ border-color:#BDA400 }
```

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

Here you see how a box with a 4 pixel #BDA400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA400; -webkit-box-shadow:4px 4px  
4px 4px #BDA400; box-shadow:4px 4px 4px  
4px #BDA400 }
```

Background

The CSS property to change the background color of an element to Hex BDA400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA400 }
```

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

```
.background{ background-color:#BDA400 }
```

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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