

Converting Colors

Hex(BDA828)

Have a look what the booklet for
Hex(BDA828) contains.

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Color

Hex(BDA828)

Conversions

Conversions Part 1

Format	Color
Hex	BDA828
RGB	189, 168, 40
RGB Percent	74%, 66%, 16%
CMY	0.2588, 0.3412, 0.8431
CMYK	0.00, 0.11, 0.79, 0.26
HSL	52°, 65%, 45%
HSV	52°, 79%, 74%
XYZ	35.3719, 38.9773, 7.6666
YIQ	159.6870, 53.6040, -35.3560

Conversions

Conversions Part 2

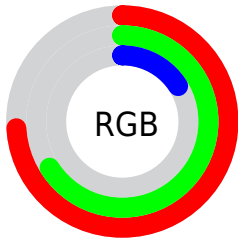
Format	Color
RYB	64, 189, 40
Decimal	12429352
CIELab	68.73, -5.59, 63.51
CIELCh	69, 63.753, 95.029
Yxy	38.9773, 0.4313, 0.4752
Android (android.graphics.Color)	4290619432 (0xFFBDA828)
YUV	159.6870, -59.0057, 25.7075
Hunter-Lab	62.4318, -8.1231, 36.4215

Details

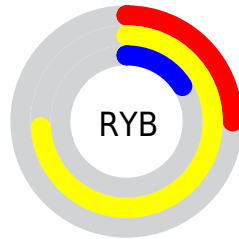
The Hex color **BDA828** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **283DBD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F9DF60**, and **847400** is the 20% darker color. If you saturate the color by 10%, you get **BDA515**, and if you desaturate by 10%, it is **BDAB3B**.

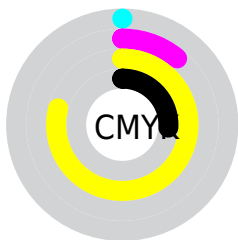
Distribution



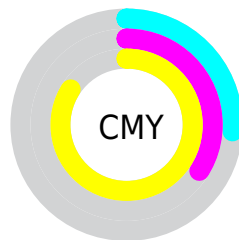
- Red (74%)
- Green (66%)
- Blue (16%)



- Red (25%)
- Yellow (74%)
- Blue (16%)



- Cyan (0%)
- Magenta (11%)
- Yellow (79%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA828 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 BDA828 by changing the saturation by 10% instead.

 BDA828

 BDA828

FFFFFF

 A08E00

 F9DF60

 847400

 FFFB7C

 685C00

 FFFF97

 4D4500

 FFFFB3

 332F00

 FFFF00

 1A1A00

 FFFFED

 000000

 BDA828

 BDA828

 BDA515

 BDAB3B

 BDA302

 BDAD4E

 BDA200

 BDB061

 BDB374

 BDB587

 BDB899

 BDBBAC

 BDBDBF

 BDC0D2

Harmonies

Analogous

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



EC933C



BDA828



81B742

Triad

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



BDA828



00C2E8



F57CDA

Complementary

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



BDA828



283DBD

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.



B694FF



BDA828



00BAFF

Square

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



BDA828



00C3B0



32ABFF



FF71A0

Rectangle

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



BDA828



49BE62



32ABFF



E584EB

Sweetspot

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



BDA828



F5EDBA



BD283E



7A7557



FAFAFA



7A7A7A

Same Dimension

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



BDA828



F5D40C



89BD28



5E5D55



9E8800



1F1A00

Inverse Universe

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



283DBD



0C2DF5



5C28BD



55565E



00169E



00041F

Previews

White Background



This preview shows how the Hex color BDA828 looks on a white background.

Color Contrast Check

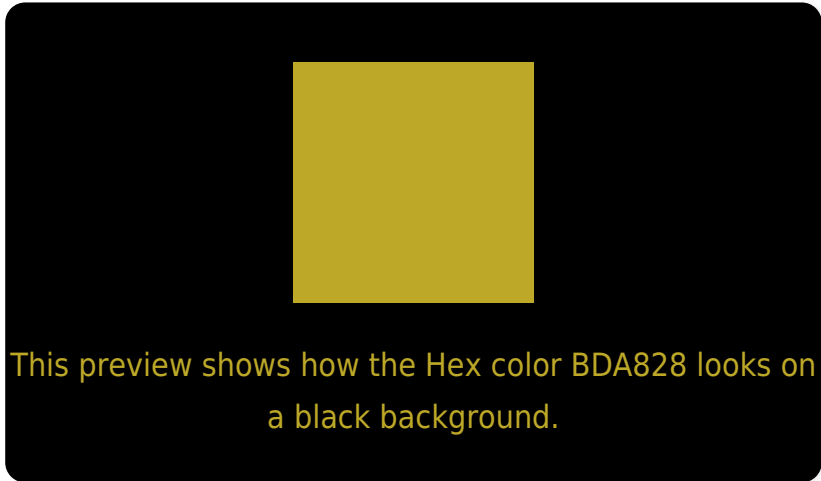
Large Text (above 18pt) WCAG AA × Fail

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 BDA828 Background



This preview shows how black text looks on a background with the Hex color BDA828.



This preview shows how white text looks on a background with the Hex color BDA828.

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
BDA828

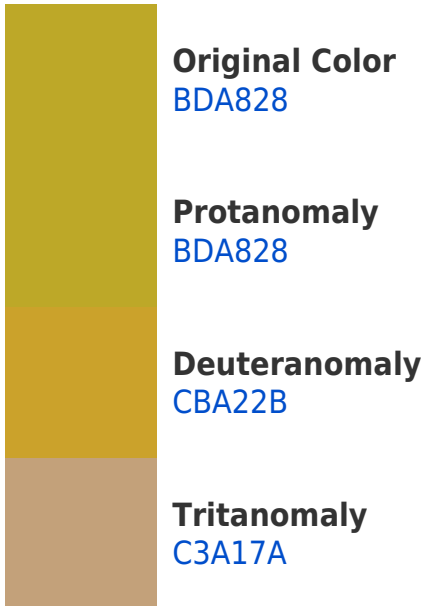
Protanopia
BDA828

Deuteranopia
D39F2C

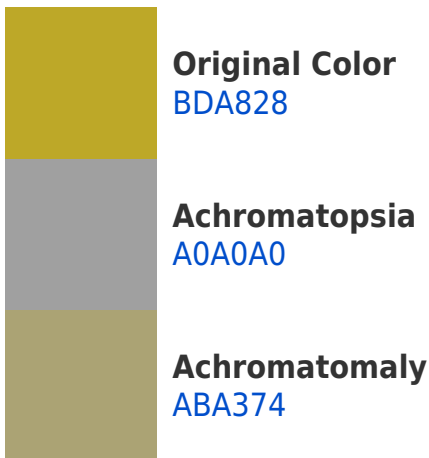


Tritanopia
C69DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDA828 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 #BDA828 looks like.

```
.text, #text, p{  
    color:#BDA828  
}
```

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 #BDA828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA828
}
```

Border

The CSS property to change the border of an element to Hex BDA828 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
#BDA828 }
```

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

```
.border{ border-color:#BDA828 }
```

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

Here you see how a box with a 4 pixel #BDA828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA828; -webkit-box-shadow:4px 4px  
4px 4px #BDA828; box-shadow:4px 4px 4px  
4px #BDA828 }
```

Background

The CSS property to change the background color of an element to Hex BDA828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA828 }
```

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

```
.background{ background-color:#BDA828 }
```

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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