

Converting Colors

Hex(BDA813)

Have a look what the booklet for
Hex(BDA813) contains.

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Color

Hex(BDA813)

Conversions

Conversions Part 1

Format	Color
Hex	BDA813
RGB	189, 168, 19
RGB Percent	74%, 66%, 7%
CMY	0.2588, 0.3412, 0.9255
CMYK	0.00, 0.11, 0.90, 0.26
HSL	53°, 82%, 41%
HSV	53°, 90%, 74%
XYZ	35.1064, 38.8711, 6.2687
YIQ	157.2930, 60.3450, -41.8870

Conversions

Conversions Part 2

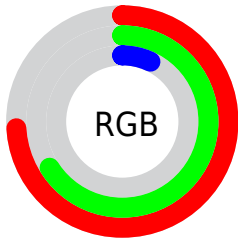
Format	Color
RYB	43, 189, 19
Decimal	12429331
CIELab	68.66, -6.16, 68.73
CIElCh	69, 69.010, 95.120
Yxy	38.8711, 0.4375, 0.4844
Android (android.graphics.Color)	4290619411 (0xFFBDA813)
YUV	157.2930, -68.1784, 27.8070
Hunter-Lab	62.3467, -8.5962, 37.6814

Details

The Hex color **BDA813** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1328BD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F9DF54**, and **837400** is the 20% darker color. If you saturate the color by 10%, you get **BDA600**, and if you desaturate by 10%, it is **BDAA26**.

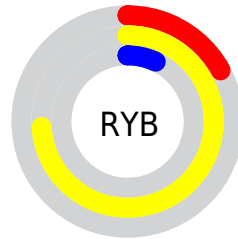
Distribution



Red (74%)

Green (66%)

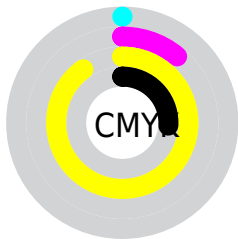
Blue (7%)



Red (17%)

Yellow (74%)

Blue (7%)

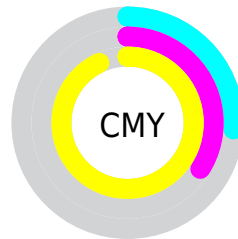


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA813 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 BDA813 by changing the saturation by 10% instead.

 BDA813

 BDA813

FFFFFF

 A08E00

 F9DF54

 837400

 FFFB70

 675C00

 FFFF8B

 4C4500

 FFFFA8

 322F00

 FFFFC4

 191B00

 FFFFE1

 000000

 BDA813

 BDA813

 BDA600

 BDAA26

 BDAD39

 BDAF4C

 BDB15F

 BDB472

 BDB684

 BDB897

 BDBBAA

 BDBDBD

Harmonies

Analogous

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



F09130



BDA813



7CB837

Triad

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



BDA813



00C4EE



FB77DD

Complementary

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



BDA813



1328BD

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.



B792FF



BDA813



00BCFF

Square

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



BDA813



00C5B1



00ABFF



FF6A9F

Rectangle

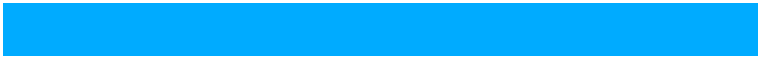
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDA813



3ABF5C



00ABFF



E97FF0

Sweetspot

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



BDA813



F5EDB3



BD132A



7A7653



FAFAFA



7A7A7A

Same Dimension

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



BDA813



F5D700



7FBD13



5E5D55



9E8B00



1F1B00

Inverse Universe

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



1328BD



001EF5



5113BD



55565E



00149E



00041F

Previews

White Background



This preview shows how the Hex color BDA813 looks on a white background.

Color Contrast Check

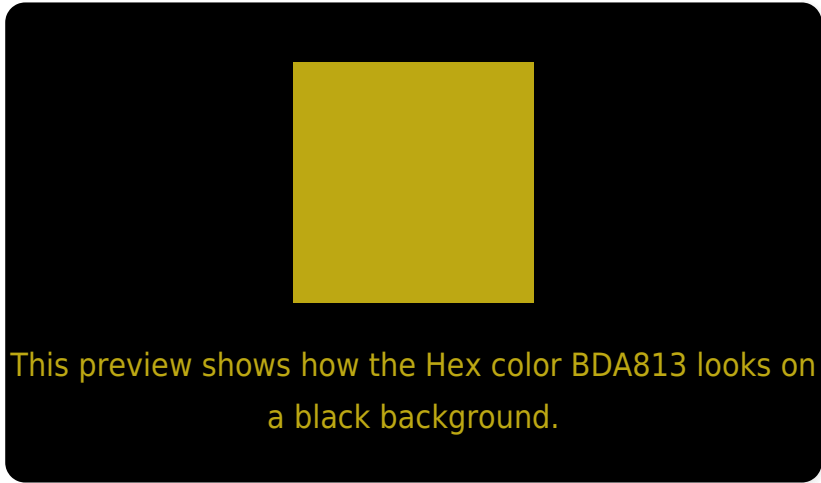
Large Text (above 18pt) WCAG AA × Fail

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 BDA813 Background



This preview shows how black text looks on a background with the Hex color BDA813.



This preview shows how white text looks on a background with the Hex color BDA813.

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
BDA813

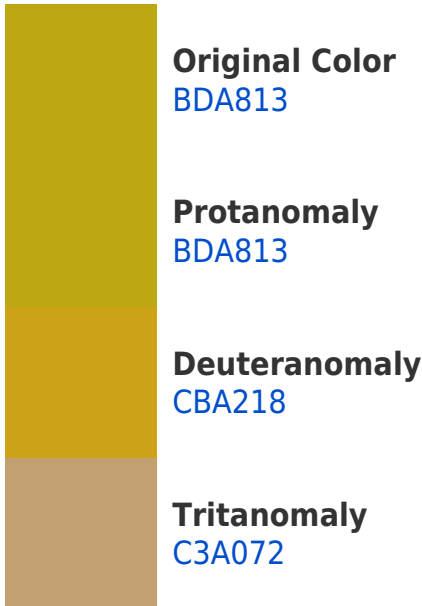
Protanopia
BDA813

Deuteranopia
D39F1B

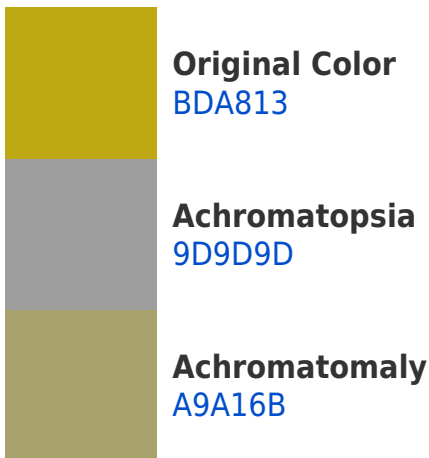


Tritanopia
C79CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDA813 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 #BDA813 looks like.

```
.text, #text, p{  
    color:#BDA813  
}
```

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 #BDA813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA813
}
```

Border

The CSS property to change the border of an element to Hex BDA813 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
#BDA813 }
```

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

```
.border{ border-color:#BDA813 }
```

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

Here you see how a box with a 4 pixel #BDA813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA813; -webkit-box-shadow:4px 4px  
4px 4px #BDA813; box-shadow:4px 4px 4px  
4px #BDA813 }
```

Background

The CSS property to change the background color of an element to Hex BDA813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA813 }
```

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

```
.background{ background-color:#BDA813 }
```

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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