

Converting Colors

Hex(BBA300)

Have a look what the booklet for
Hex(BBA300) contains.

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Color

Hex(BBA300)

Conversions

Conversions Part 1

Format	Color
Hex	BBA300
RGB	187, 163, 0
RGB Percent	73%, 64%, 0%
CMY	0.2667, 0.3608, 1.0000
CMYK	0.00, 0.13, 1.00, 0.27
HSL	52°, 100%, 37%
HSV	52°, 100%, 73%
XYZ	33.5907, 36.7592, 5.3248
YIQ	151.5940, 66.6270, -45.6050

Conversions

Conversions Part 2

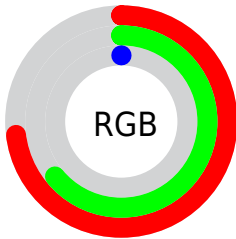
Format	Color
R _Y B	28, 187, 0
Decimal	12296960
CIE Lab	67.10, -4.67, 70.13
CIE LCh	67, 70.286, 93.807
Yxy	36.7592, 0.4439, 0.4858
Android (android.graphics.Color)	4290487040 (0xFFBBA300)
YUV	151.5940, -74.7358, 31.0511
Hunter-Lab	60.6294, -7.2063, 37.2334

Details

The Hex color **BBA300** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0018BB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F7DA4C**, and **817000** is the 20% darker color. If you saturate the color by 10%, you get **BBA300**, and if you desaturate by 10%, it is **BBA513**.

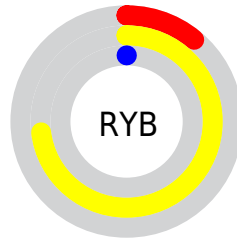
Distribution



Red (73%)

Green (64%)

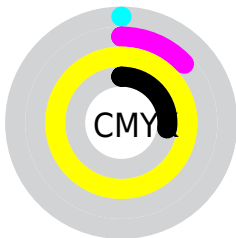
Blue (0%)



Red (11%)

Yellow (73%)

Blue (0%)

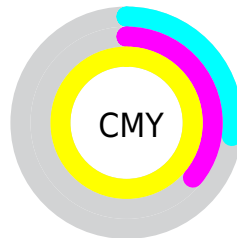


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA300 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 BBA300 by changing the saturation by 10% instead.

 BBA300

 BBA300

FFFFFF

 9E8900

 F7DA4C

 817000

 FFF668

 655800


 FFFF84

 494100

 FFFFA0

 302B00

 FFFFBD

 171700

 FFFFDA

 000000

 FFFFF7

 BBA300

 BBA513

 BBA825

 BBAA38

 BBAD4B

 BBAF5E

 BBB170

 BBB483

 BBB696

 BBB9A8

Harmonies

Analogous

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



EE8B2B



BBA300



7AB42D

Triad

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



BBA300



00C0E8



F672DC

Complementary

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



BBA300



0018BB

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.



AE8FFF



BBA300



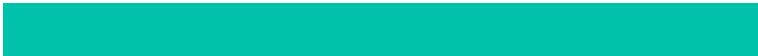
00B8FF

Square

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



BBA300



00C1AA



00A8FF



FF639E

Rectangle

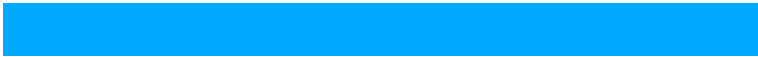
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBA300



37BA54



00A8FF



E37BEF

Sweetspot

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



BBA300



F2E9AA



BB0019



7A754E



FAFAFA



7A7A7A

Same Dimension

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



BBA300



F2D300



76BB00



5E5D55



9E8A00



1F1B00

Inverse Universe

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



0018BB



001FF2



4500BB



55565E



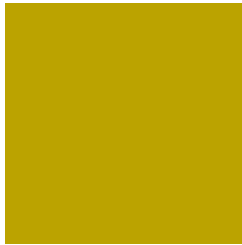
00149E



00041F

Previews

White Background



This preview shows how the Hex color BBA300 looks on a white background.

Color Contrast Check

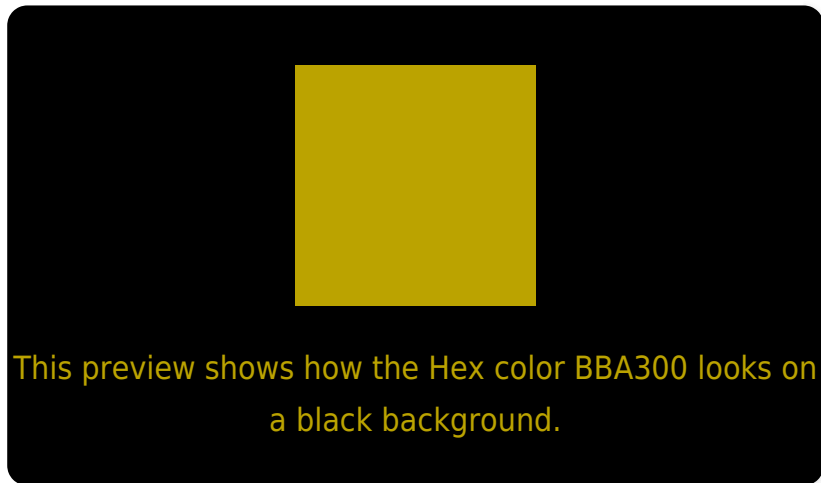
Large Text (above 18pt) WCAG AA × Fail

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 BBA300 Background



This preview shows how black text looks on a background with the Hex color BBA300.

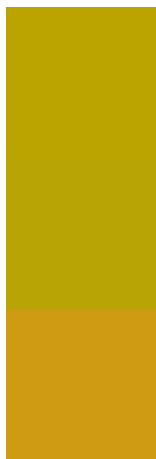


This preview shows how white text looks on a background with the Hex color BBA300.

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
BBA300

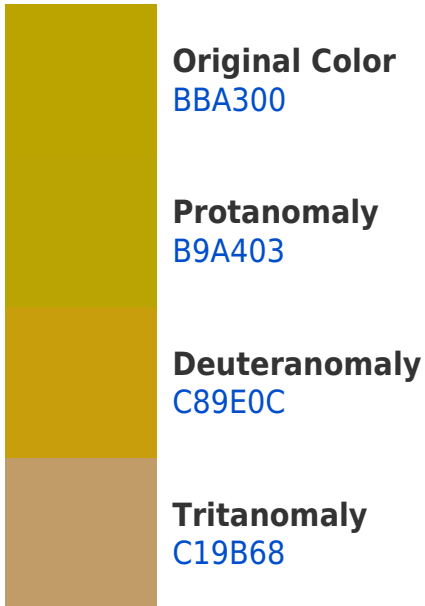
Protanopia
B8A404

Deuteranopia
CF9B13

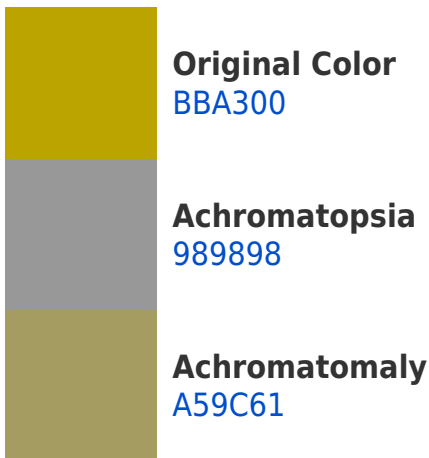


Tritanopia
C497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA300 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 #BBA300 looks like.

```
.text, #text, p{  
    color:#BBA300  
}
```

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 #BBA300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA300
}
```

Border

The CSS property to change the border of an element to Hex BBA300 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
#BBA300 }
```

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

```
.border{ border-color:#BBA300 }
```

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

Here you see how a box with a 4 pixel #BBA300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA300; -webkit-box-shadow:4px 4px  
4px 4px #BBA300; box-shadow:4px 4px 4px  
4px #BBA300 }
```

Background

The CSS property to change the background color of an element to Hex BBA300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA300 }
```

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

```
.background{ background-color:#BBA300 }
```

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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