

Converting Colors

Hex(BBA600)

Have a look what the booklet for
Hex(BBA600) contains.

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Color

Hex(BBA600)

Conversions

Conversions Part 1

Format	Color
Hex	BBA600
RGB	187, 166, 0
RGB Percent	73%, 65%, 0%
CMY	0.2667, 0.3490, 1.0000
CMYK	0.00, 0.11, 1.00, 0.27
HSL	53°, 100%, 37%
HSV	53°, 100%, 73%
XYZ	34.1297, 37.8372, 5.5045
YIQ	153.3550, 65.8020, -47.1740

Conversions

Conversions Part 2

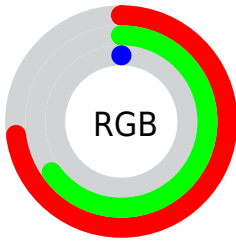
Format	Color
RYB	24, 187, 0
Decimal	12297728
CIELab	67.90, -6.25, 70.70
CIELCh	68, 70.980, 95.054
Yxy	37.8372, 0.4405, 0.4884
Android (android.graphics.Color)	4290487808 (0xFFBBA600)
YUV	153.3550, -75.6040, 29.5067
Hunter-Lab	61.5120, -8.6058, 37.7527

Details

The Hex color **BBA600** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0015BB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F7DD4D**, and **817300** is the 20% darker color. If you saturate the color by 10%, you get **BBA600**, and if you desaturate by 10%, it is **BBA813**.

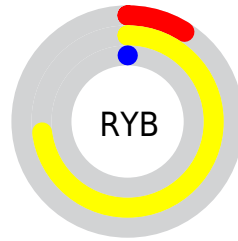
Distribution



Red (73%)

Green (65%)

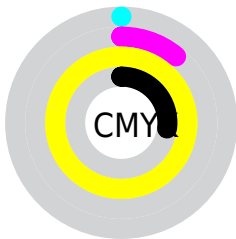
Blue (0%)



Red (9%)

Yellow (73%)

Blue (0%)

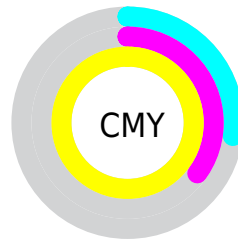


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA600 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 BBA600 by changing the saturation by 10% instead.



BBA600



BBA600

FFFFFF



9E8C00



F7DD4D



817300



FFF969



655A00



FFFF85



4A4300



FFFFA1



302D00



FFFFBD



171900



FFFFDA



000000



FFFFF8



BBA600

 BBA813

 BBAA25

 BBAC38

 BBAE4B

 BBB15E

 BBB370

 BBB583

 BBB796

 BBB9A8

Harmonies

Analogous

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



EF8E2A



BBA600



78B630

Triad

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



BBA600



00C2EE



FB73DD

Complementary

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



BBA600



0015BB

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.



B48FFF



BBA600



00BAFF

Square

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



BBA600



00C3AF



00A9FF



FF659D

Rectangle

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



BBA600



31BD58



00A9FF



E87CF0

Sweetspot

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



BBA600



F2EAAA



BB0016



7A754E



FAFAFA



7A7A7A

Same Dimension

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



BBA600



F2D700



73BB00



5E5D55



9E8C00



1F1B00

Inverse Universe

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



0015BB



001BF2



4800BB



55565E



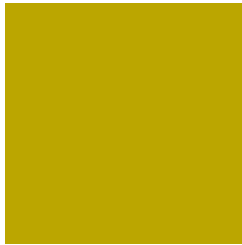
00129E



00031F

Previews

White Background



This preview shows how the Hex color BBA600 looks on a white background.

Color Contrast Check

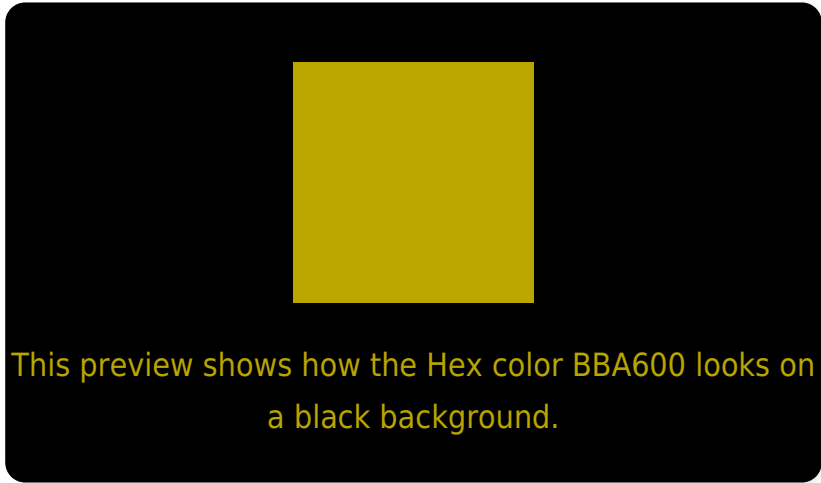
Large Text (above 18pt) WCAG AA × Fail

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 BBA600 Background



This preview shows how black text looks on a background with the Hex color BBA600.

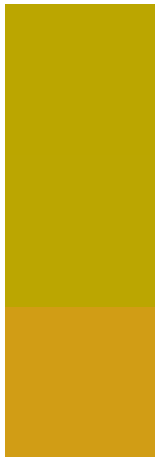


This preview shows how white text looks on a background with the Hex color BBA600.

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
BBA600

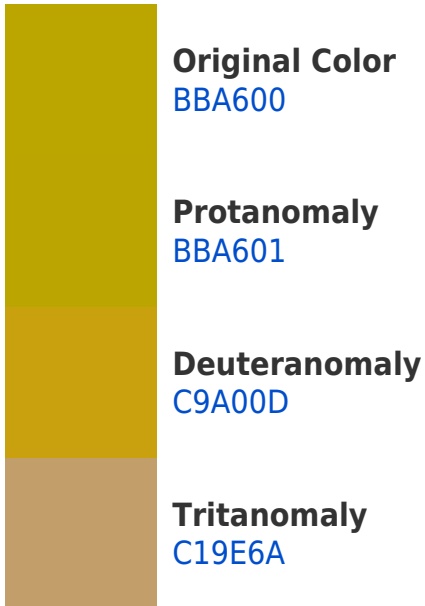
Protanopia
BBA601

Deuteranopia
D19D15

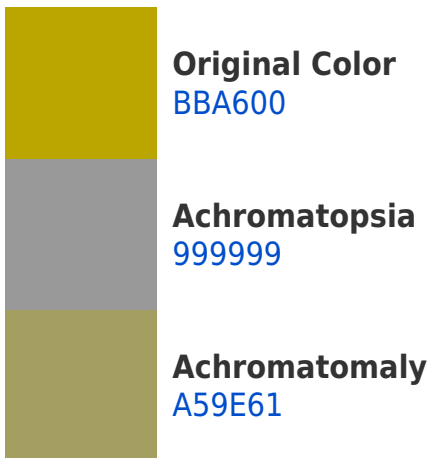


Tritanopia
C59AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA600 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 #BBA600 looks like.

```
.text, #text, p{  
    color:#BBA600  
}
```

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 #BBA600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA600
}
```

Border

The CSS property to change the border of an element to Hex BBA600 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
#BBA600 }
```

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

```
.border{ border-color:#BBA600 }
```

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

Here you see how a box with a 4 pixel #BBA600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA600; -webkit-box-shadow:4px 4px  
4px 4px #BBA600; box-shadow:4px 4px 4px  
4px #BBA600 }
```

Background

The CSS property to change the background color of an element to Hex BBA600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA600 }
```

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

```
.background{ background-color:#BBA600 }
```

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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