

Converting Colors

Hex(BBA807)

Have a look what the booklet for
Hex(BBA807) contains.

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Color

Hex(BBA807)

Conversions

Conversions Part 1

Format	Color
Hex	BBA807
RGB	187, 168, 7
RGB Percent	73%, 66%, 3%
CMY	0.2667, 0.3412, 0.9725
CMYK	0.00, 0.10, 0.96, 0.27
HSL	54°, 93%, 38%
HSV	54°, 96%, 73%
XYZ	34.5345, 38.5854, 5.8286
YIQ	155.3270, 63.0050, -46.0430

Conversions

Conversions Part 2

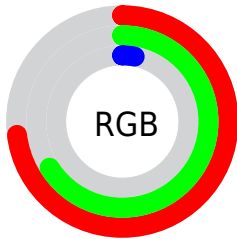
Format	Color
R _Y B	28, 187, 7
Decimal	12298247
CIE Lab	68.45, -7.22, 70.23
CIE LCh	68, 70.598, 95.871
Yxy	38.5854, 0.4374, 0.4887
Android (android.graphics.Color)	4290488327 (0xFFBBA807)
YUV	155.3270, -73.1252, 27.7772
Hunter-Lab	62.1171, -9.4666, 37.9187

Details

The Hex color **BBA807** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **071ABB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F7DF4F**, and **817400** is the 20% darker color. If you saturate the color by 10%, you get **BBA700**, and if you desaturate by 10%, it is **BBAA1A**.

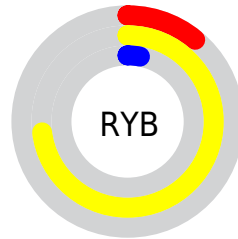
Distribution



Red (73%)

Green (66%)

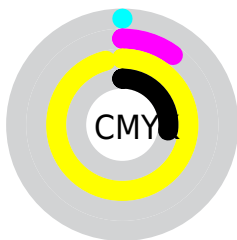
Blue (3%)



Red (11%)

Yellow (73%)

Blue (3%)

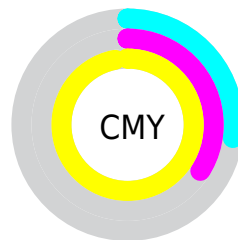


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA807 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 BBA807 by changing the saturation by 10% instead.



BBA807



BBA807

FFFFFF



9E8E00



F7DF4F



817400



FFFB6B



655C00



FFFF87



4A4500



FFFAA3



302F00



FFFFC0



171B00



FFFFDD



000000



FFFFFB



BBA807



BBA807

 BBA700

 BBAA1A

 BBAC2C

 BBAE3F

 BBB052

 BBB265

 BBB477

 BBB68A

 BBB89D

 BBBAAF

Harmonies

Analogous

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



EF902B



BBA807



78B834

Triad

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



BBA807



00C3F0



FD74DC

Complementary

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



BBA807



071ABB

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.



B890FF



BBA807



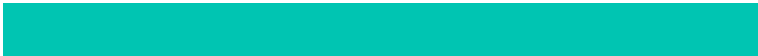
00BBFF

Square

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



BBA807



00C5B2



00AAFF



FF679D

Rectangle

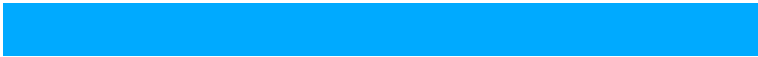
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBA807



30BF5B



00AAFF



EB7DEF

Sweetspot

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



BBA807



F2EBAC



BB071C



7A7650



FAFAFA



7A7A7A

Same Dimension

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



BBA807



F2D900



76BB07



5E5D55



9E8D00



1F1B00

Inverse Universe

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



071ABB



001AF2



4C07BB



55565E



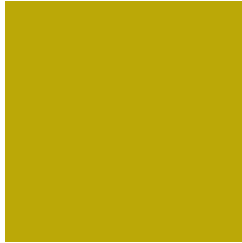
00119E



00031F

Previews

White Background



This preview shows how the Hex color BBA807 looks on a white background.

Color Contrast Check

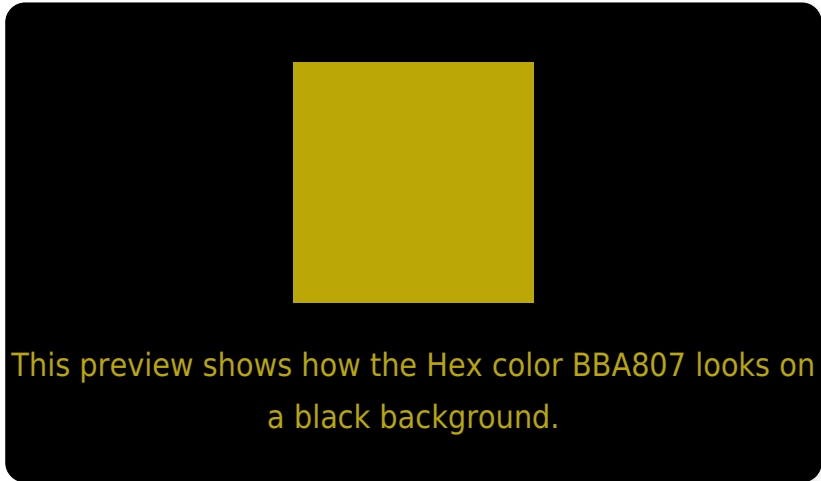
Large Text (above 18pt) WCAG AA × Fail

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 BBA807 Background



This preview shows how black text looks on a background with the Hex color BBA807.



This preview shows how white text looks on a background with the Hex color BBA807.

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
BBA807

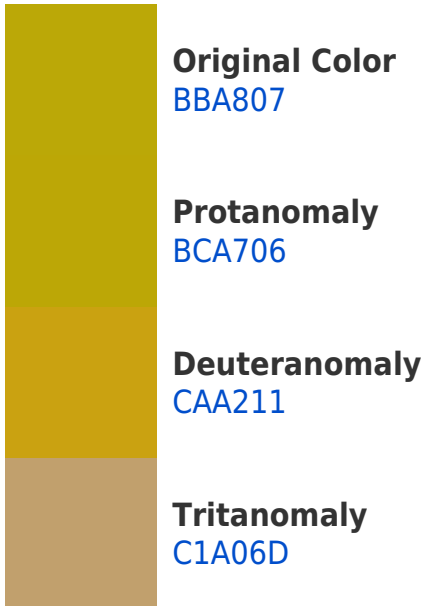
Protanopia
BCA706

Deuteranopia
D39E16

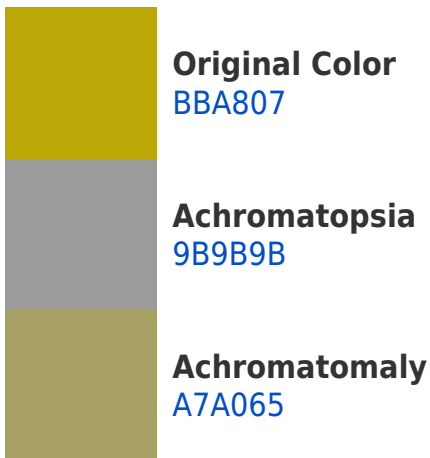


Tritanopia
C59CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA807 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 #BBA807 looks like.

```
.text, #text, p{  
    color:#BBA807  
}
```

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 #BBA807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA807
}
```

Border

The CSS property to change the border of an element to Hex BBA807 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
#BBA807 }
```

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

```
.border{ border-color:#BBA807 }
```

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

Here you see how a box with a 4 pixel #BBA807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA807; -webkit-box-shadow:4px 4px  
4px 4px #BBA807; box-shadow:4px 4px 4px  
4px #BBA807 }
```

Background

The CSS property to change the background color of an element to Hex BBA807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA807 }
```

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

```
.background{ background-color:#BBA807 }
```

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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