

Converting Colors

Hex(BBA945)

Have a look what the booklet for
Hex(BBA945) contains.

Hex(BBA945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BBA945)

Conversions

Conversions Part 1

Format	Color
Hex	BBA945
RGB	187, 169, 69
RGB Percent	73%, 66%, 27%
CMY	0.2667, 0.3373, 0.7294
CMYK	0.00, 0.10, 0.63, 0.27
HSL	51°, 46%, 50%
HSV	51°, 63%, 73%
XYZ	35.7557, 39.3704, 11.3449
YIQ	162.9820, 42.8280, -27.2840

Conversions

Conversions Part 2

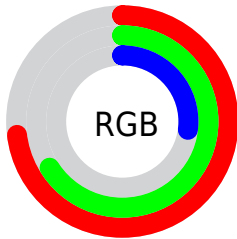
Format	Color
RYB	90, 187, 69
Decimal	12298565
CIELab	69.02, -5.52, 52.47
CIELCh	69, 52.761, 96.002
Yxy	39.3704, 0.4135, 0.4553
Android (android.graphics.Color)	4290488645 (0xFFBBA945)
YUV	162.9820, -46.3331, 21.0638
Hunter-Lab	62.7458, -8.0871, 33.2020

Details

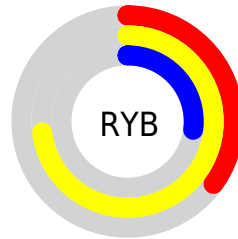
The Hex color **BBA945** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4557BB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F6E079**, and **83750B** is the 20% darker color. If you saturate the color by 10%, you get **BBA632**, and if you desaturate by 10%, it is **BBAC58**.

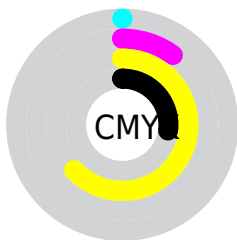
Distribution



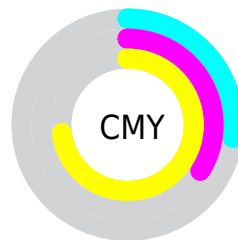
- Red (73%)
- Green (66%)
- Blue (27%)



- Red (35%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA945 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 BBA945 by changing the saturation by 10% instead.

 BBA945

 BBA945

FFFFFF

 9F8F2B

 F6E079

 83750B

 FFFD94

 685D00

 FFFF80

 4E4500

 FFFFCC

 332F00

 FFFF99

 1B1B00

 000000

 BBA945

 BBA945

 BBA632

 BBAC58

 BBA320

 BBAF6A

 BBA00D

 BBB27D

 BB9E00

 BBB490

 BBB7A3

 BBBAB5

 BBBDC8

 BBC0DB

 BBC3ED

Harmonies

Analogous

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



E39851



BBA945



89B658

Triad

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



BBA945



00BFD0



EB86D0

Complementary

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



BBA945



4557BB

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.



B898F6



BBA945



00B8FF

Square

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



BBA945



00C1B1



64AAFF



FF7FA1

Rectangle

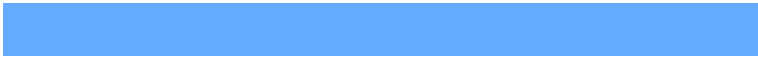
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBA945



5FBC71



64AAFF



DD8CDF

Sweetspot

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



BBA945



F2EBC4



BB4559



7A765E



FAFAFA



7A7A7A

Same Dimension

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



BBA945



F2D63A



94BB45



5E5D55



9E8600



1F1A00

Inverse Universe

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



4557BB



3A56F2



6C45BB



55565E



00189E



00051F

Previews

White Background



This preview shows how the Hex color BBA945 looks on a white background.

Color Contrast Check

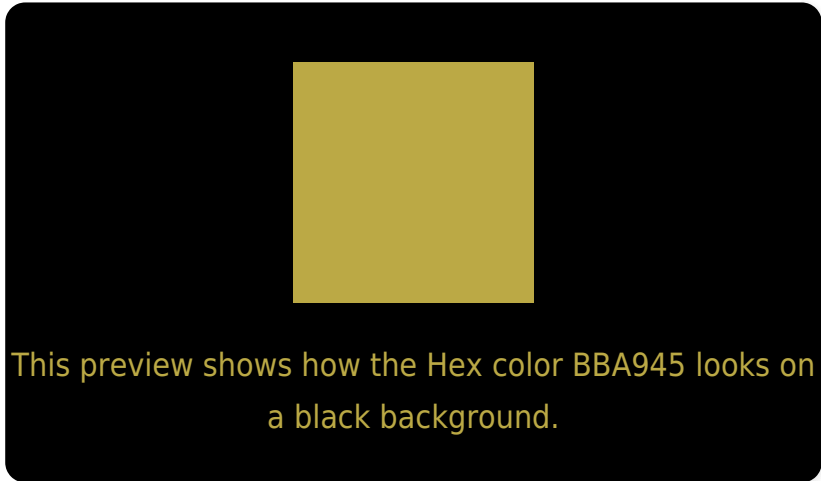
Large Text (above 18pt) WCAG AA × Fail

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 BBA945 Background



This preview shows how black text looks on a background with the Hex color BBA945.



This preview shows how white text looks on a background with the Hex color BBA945.

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
BBA945

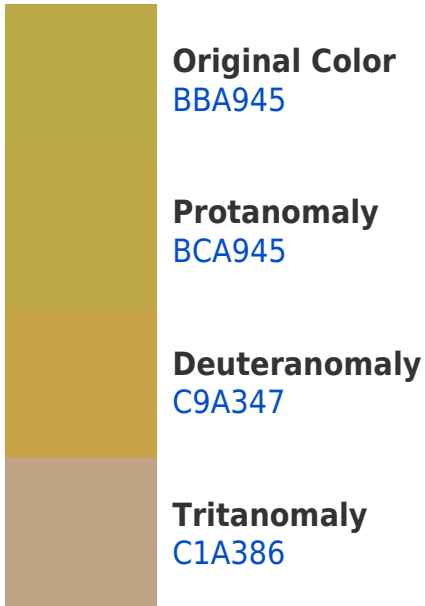
Protanopia
BCA945

Deuteranopia
D1A048

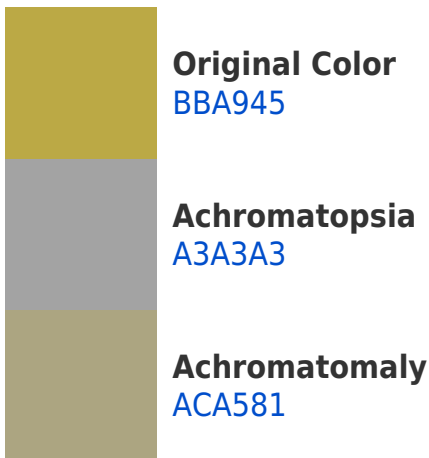


Tritanopia
C49FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA945 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 #BBA945 looks like.

```
.text, #text, p{  
    color:#BBA945  
}
```

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 #BBA945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA945  
}
```

Border

The CSS property to change the border of an element to Hex BBA945 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  
#BBA945 }
```

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

```
.border{ border-color:#BBA945 }
```

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

Here you see how a box with a 4 pixel #BBA945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA945; -webkit-box-shadow:4px 4px  
4px 4px #BBA945; box-shadow:4px 4px 4px  
4px #BBA945 }
```

Background

The CSS property to change the background color of an element to Hex BBA945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA945 }
```

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

```
.background{ background-color:#BBA945 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor