

Converting Colors

Hex(BAA764)

Have a look what the booklet for
Hex(BAA764) contains.

Hex(BAA764)	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(BAA764)

Conversions

Conversions Part 1

Format	Color
Hex	BAA764
RGB	186, 167, 100
RGB Percent	73%, 65%, 39%
CMY	0.2706, 0.3451, 0.6078
CMYK	0.00, 0.10, 0.46, 0.27
HSL	47°, 38%, 56%
HSV	47°, 46%, 73%
XYZ	36.3687, 38.9966, 17.6669
YIQ	165.0430, 32.8310, -16.8090

Conversions

Conversions Part 2

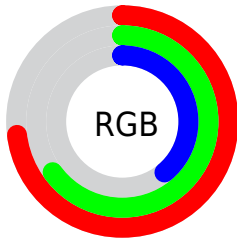
Format	Color
RYB	124, 186, 100
Decimal	12232548
CIELab	68.75, -2.30, 37.03
CIELCh	69, 37.106, 93.558
Yxy	38.9966, 0.3909, 0.4192
Android (android.graphics.Color)	4290422628 (0xFFBAA764)
YUV	165.0430, -32.0662, 18.3793
Hunter-Lab	62.4473, -5.3262, 26.9395

Details

The Hex color **BAA764** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6477BA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4DE98**, and **837333** is the 20% darker color. If you saturate the color by 10%, you get **BAA351**, and if you desaturate by 10%, it is **BAAB77**.

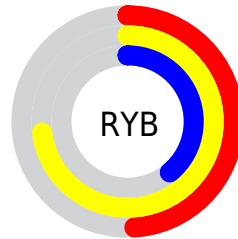
Distribution



Red (73%)

Green (65%)

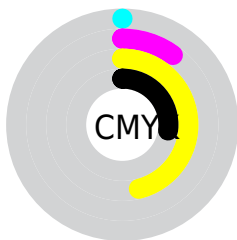
Blue (39%)



Red (49%)

Yellow (73%)

Blue (39%)

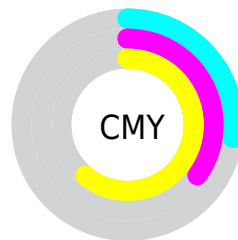


Cyan (0%)

Magenta (10%)

Yellow (46%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAA764 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 BAA764 by changing the saturation by 10% instead.

 BAA764

 BAA764

FFFFFF

 9E8D4B

 F4DE98

 837333

 FFFAB3

 695B1B

 FFFFCE

 4F4402

 FFFFEB

 372E00

 1E1900

 000000

 BAA764

 BAA764

 BAA351

 BAAB77

 BA9F3F

 BAAF89

 BA9B2C

 BAB39C

 BA971A

 BAB7AE

 BA9207

 BABCC1

 BA9100

 BAC0D4

 BAC4E6

 BAC8F9

 BACCFE

Harmonies

Analogous

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



D69B6C



BAA764



96B16F

Triad

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



BAA764



16B8CC



D592C6

Complementary

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



BAA764



6477BA

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.



B19EE0



BAA764



42B3E3

Square

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



BAA764



3FBAAB



7EAAEA



E88EA5

Rectangle

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



BAA764



7CB57F



7EAAEA



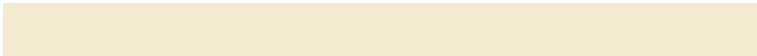
CB96D0

Sweetspot

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



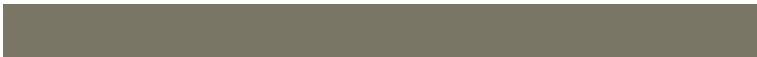
BAA764



F2EBD0



BA6478



7A7666



FAFAFA



7A7A7A

Same Dimension

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



BAA764



F2D56D



A3BA64



5C5A53



9C7900



1C1600

Inverse Universe

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



6477BA



6D8AF2



7B64BA



53555C



00229C



00061C

Previews

White Background



This preview shows how the Hex color BAA764 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

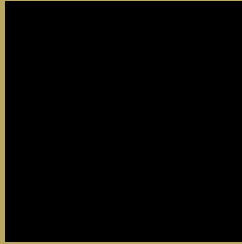
Any Text WCAG AA ✓ Pass

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 BAA764 Background



This preview shows how black text looks on a background with the Hex color BAA764.

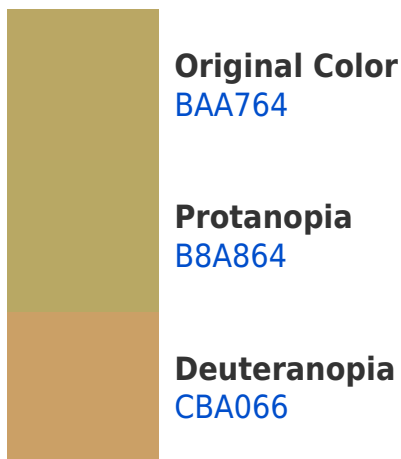


This preview shows how white text looks on a background with the Hex color BAA764.

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](#).

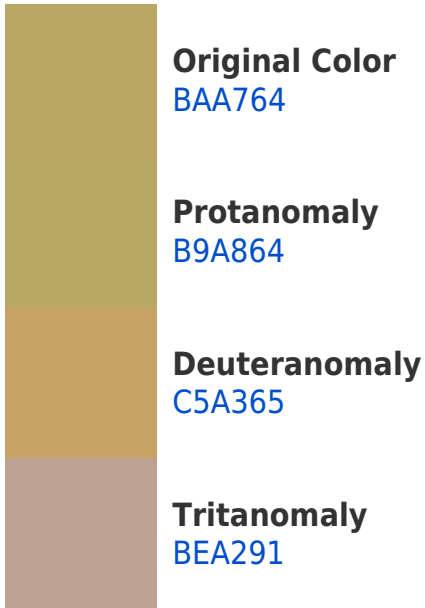
Dichromacy



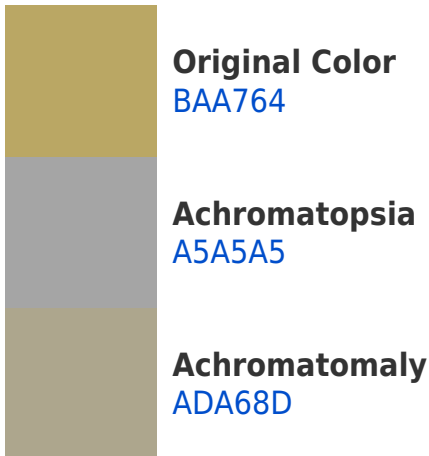


Tritanopia
C19FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAA764 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 #BAA764 looks like.

```
.text, #text, p{  
    color:#BAA764  
}
```

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 #BAA764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA764
}
```

Border

The CSS property to change the border of an element to Hex BAA764 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
#BAA764 }
```

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

```
.border{ border-color:#BAA764 }
```

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

Here you see how a box with a 4 pixel #BAA764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA764; -webkit-box-shadow:4px 4px  
4px 4px #BAA764; box-shadow:4px 4px 4px  
4px #BAA764 }
```

Background

The CSS property to change the background color of an element to Hex BAA764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA764 }
```

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

```
.background{ background-color:#BAA764 }
```

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