

Converting Colors

Hex(BAA165)

Have a look what the booklet for
Hex(BAA165) contains.

Hex(BAA165)	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(BAA165)

Conversions

Conversions Part 1

Format	Color
Hex	BAA165
RGB	186, 161, 101
RGB Percent	73%, 63%, 40%
CMY	0.2706, 0.3686, 0.6039
CMYK	0.00, 0.13, 0.46, 0.27
HSL	42°, 38%, 56%
HSV	42°, 46%, 73%
XYZ	35.3435, 36.8684, 17.5654
YIQ	161.6350, 34.1600, -13.3600

Conversions

Conversions Part 2

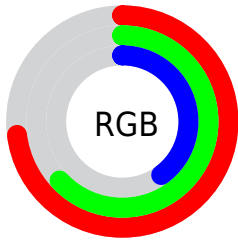
Format	Color
RYB	136, 186, 101
Decimal	12231013
CIELab	67.18, 1.02, 34.54
CIElCh	67, 34.551, 88.301
Yxy	36.8684, 0.3937, 0.4107
Android (android.graphics.Color)	4290421093 (0xFFBAA165)
YUV	161.6350, -29.8931, 21.3681
Hunter-Lab	60.7194, -2.3576, 25.3516

Details

The Hex color **BAA165** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **657EBA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F4D899**, and **836E34** is the 20% darker color. If you saturate the color by 10%, you get **BA9C52**, and if you desaturate by 10%, it is **BAA678**.

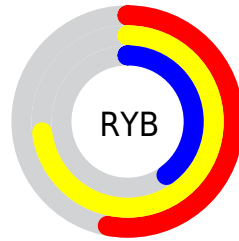
Distribution



Red (73%)

Green (63%)

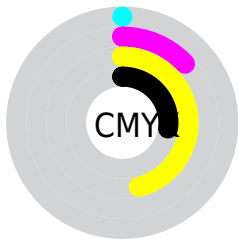
Blue (40%)



Red (53%)

Yellow (73%)

Blue (40%)

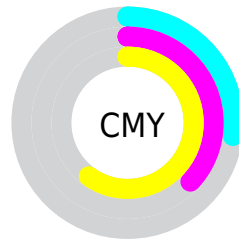


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAA165 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 BAA165 by changing the saturation by 10% instead.

 BAA165

 BAA165

FFFFFF

 9E874C

 F4D899

 836E34

 FFF4B4

 69551D

 FFFFD0

 4F3E04

 FFFFEC

 372900

 1E1500

 000000

 BAA165

 BAA165

 BA9C52

 BAA678

 BA9640

 BAAC8A

 BA912D

 BAB19D

 BA8B1B

 BAB7AF

 BA8608

 BABCC2

 BA8300

 BAC2D5

 BAC7E7

 BACDFA

 BAD2FF

Harmonies

Analogous

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



D39670



BAA165



9AAB6C

Triad

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



BAA165



2DB4C0



C992C5

Complementary

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



BAA165



657EBA

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.



A59CDA



BAA165



42AFD8

Square

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



BAA165



4EB4A1



75A7E1



DD8CA7

Rectangle

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



BAA165



82AF79



75A7E1



BF95CD

Sweetspot

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



BAA165



F2E8D0



BA657F



7A7466



FAFAFA



7A7A7A

Same Dimension

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



BAA165



F2CB6D



A9BA65



5C5953



9C6E00



1C1400

Inverse Universe

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



657EBA



6D94F2



7665BA



53555C



002E9C



00081C

Previews

White Background



This preview shows how the Hex color BAA165 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 BAA165 Background



This preview shows how black text looks on a background with the Hex color BAA165.

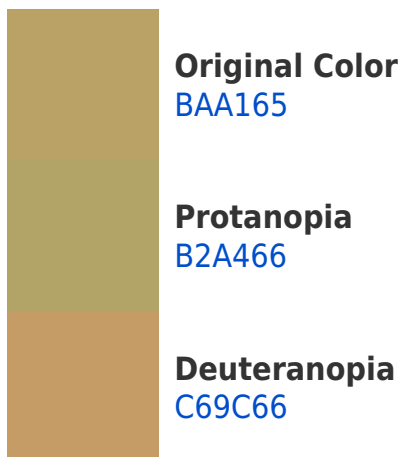


This preview shows how white text looks on a background with the Hex color BAA165.

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](#).

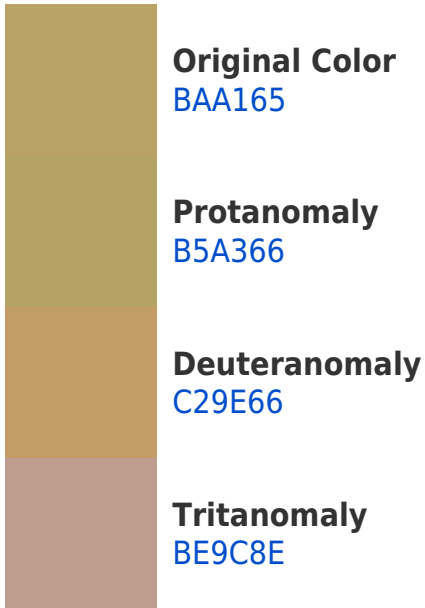
Dichromacy



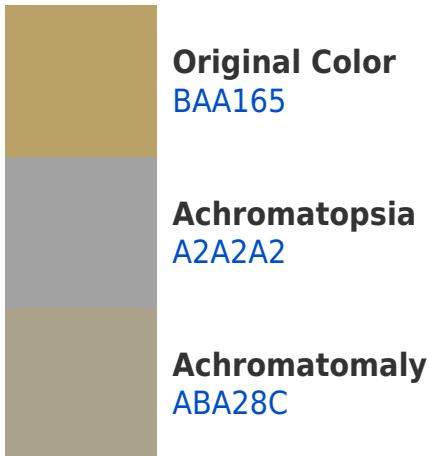


Tritanopia
C099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAA165 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 #BAA165 looks like.

```
.text, #text, p{  
    color:#BAA165  
}
```

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 #BAA165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA165  
}
```

Border

The CSS property to change the border of an element to Hex BAA165 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  
#BAA165 }
```

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

```
.border{ border-color:#BAA165 }
```

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

Here you see how a box with a 4 pixel #BAA165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA165; -webkit-box-shadow:4px 4px  
4px 4px #BAA165; box-shadow:4px 4px 4px  
4px #BAA165 }
```

Background

The CSS property to change the background color of an element to Hex BAA165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA165 }
```

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

```
.background{ background-color:#BAA165 }
```

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