

# Converting Colors

Hex(BAAE62)

Have a look what the booklet for  
Hex(BAAE62) contains.

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# **Color**

**Hex(BAAE62)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BAAE62                    |
| RGB           | 186, 174, 98              |
| RGB Percent   | 73%, 68%, 38%             |
| CMY           | 0.2706, 0.3176, 0.6157    |
| CMYK          | 0.00, 0.06, 0.47, 0.27    |
| HSL           | 52°, 39%, 56%             |
| HSV           | 52°, 47%, 73%             |
| XYZ           | 37.5904, 41.5930, 17.6023 |

# Conversions

## Conversions Part 2

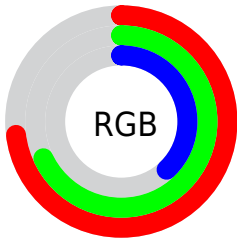
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 112, 186, 98                   |
| Decimal                             | 12234338                       |
| CIELab                              | 70.59, -6.22, 40.34            |
| CIELCh                              | 71, 40.817, 98.760             |
| Yxy                                 | 41.5930, 0.3884,<br>0.4297     |
| Android<br>(android.graphics.Color) | 4290424418<br>(0xFFBAAE62)     |
| YUV                                 | 168.9240, -34.9655,<br>14.9757 |

# Details

The Hex color **BAAE62** is a light color, and the **websafe** version is hex **CCCC66**. A complement of this color would be **626EBA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F4E596**, and **837A31** is the 20% darker color. If you saturate the color by 10%, you get **BAAB4F**, and if you desaturate by 10%, it is **BAB175**.

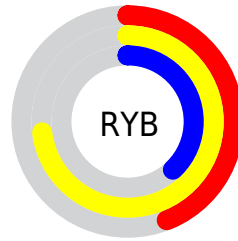
# Distribution



Red (73%)

Green (68%)

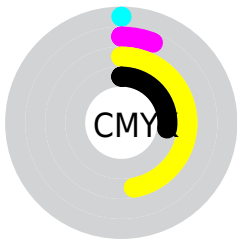
Blue (38%)



Red (44%)

Yellow (73%)

Blue (38%)

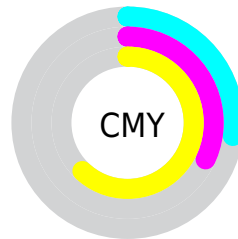


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAAE62 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 BAAE62 by changing the saturation by 10% instead.



 BAAE62

 D6C97C

 F4E596

 FFFFB1

 FFFFCD

 FFFFEA

 FFFFFFFF

 BAAE62

 9E9349

 837A31

 686118

 4F4A00

 363300

 1E1E00

 000400

 000000

 BAAE62

 BAAB4F

 BAA93D

 BAA62A

 BAA418

 BAA105

 BAA100

 BAAE62

 BAB175

 BAB387

 BAB69A

 BAB8AC

 BABBBF

 BABDD2

 BAC0E4

 BAC2F7

 BAC5FF

# Harmonies

## Analogous

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



DBA168



BAAE62



92B871

# Triad

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



BAAE62



00BEDA



E493C8

# Complementary

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



BAAE62



626EBA

# 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.



BF9FE7



BAAE62



3FB8F1

# Square

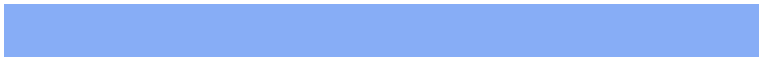
The square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BAAE62



20C0B7



87ADF6



F48FA3

# Rectangle

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



BAAE62



73BD85



87ADF6



DA97D4



# Sweetspot

The sweet spot groups the original color and five complimentary colors.



BAAE62



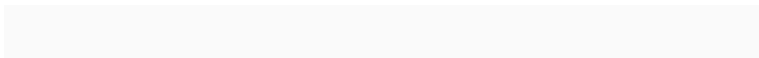
F2EED0



BA626F



7A7866



FAFAFA



7A7A7A

# Previews

## White Background



This preview shows how the Hex color BAAE62 looks on a white background.

## Color Contrast Check

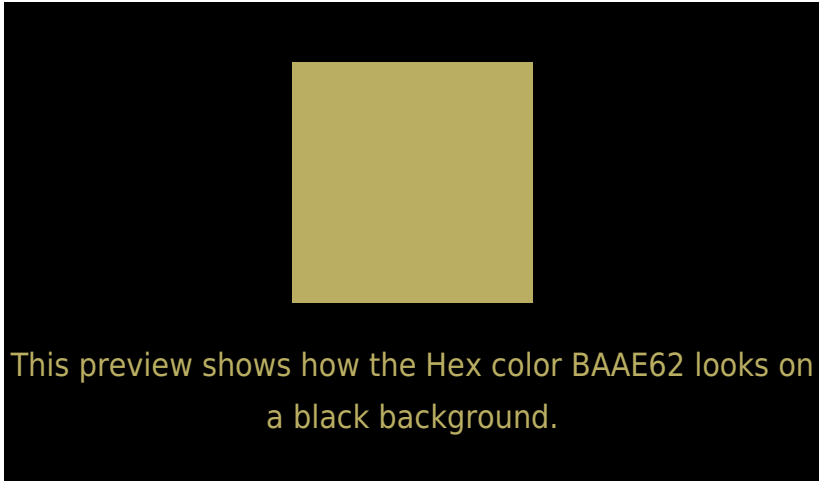
Large Text (above 18pt) WCAG AA × Fail

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 BAAE62 Background



This preview shows how black text looks on a background with the Hex color BAAE62.



This preview shows how white text looks on a background with the Hex color BAAE62.

# 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**  
BAAE62

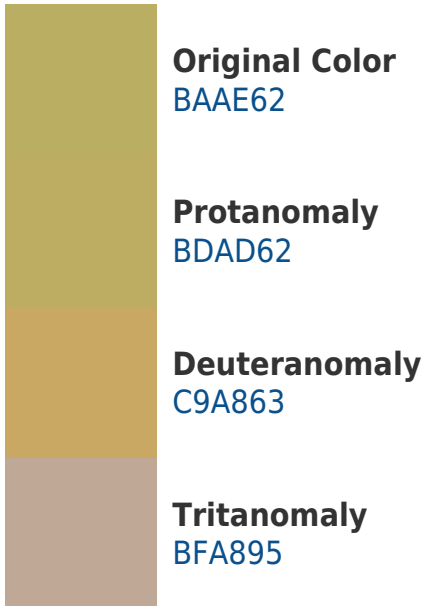
**Protanopia**  
BEAD62

**Deuteranopia**  
D2A564

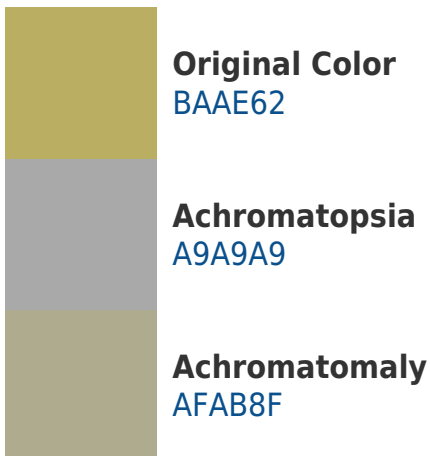


**Tritanopia**  
C2A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAAE62 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 #BAAE62 looks like.

```
.text, #text, p{  
    color:#BAAE62  
}
```



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 #BAAE62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAAE62
}
```

## Border

The CSS property to change the border of an element to Hex BAAE62 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
#BAAE62 }
```

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

```
.border{ border-color:#BAAE62 }
```

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

Here you see how a box with a 4 pixel #BAAE62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAAE62; -webkit-box-shadow:4px 4px  
4px 4px #BAAE62; box-shadow:4px 4px 4px  
4px #BAAE62 }
```

# Background

The CSS property to change the background color of an element to Hex BAAE62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAAE62 }
```

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

```
.background{ background-color:#BAAE62 }
```

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? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.



## **HOWCOLORS.WORK**

**A CSS color notation guide.**

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

**HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.**

You will learn all the current and new ways to express colors to prepare yourself for the future!

**[Buy now, starting at \\$4.99!](#)**

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