

# Converting Colors

Hex(BAAF63)

Have a look what the booklet for  
Hex(BAAF63) contains.

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# **Color**

**Hex(BAAF63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BAAF63</a>
RGB	186, 175, 99
RGB Percent	73%, 69%, 39%
CMY	0.2706, 0.3137, 0.6118
CMYK	0.00, 0.06, 0.47, 0.27
HSL	52°, 39%, 56%
HSV	52°, 47%, 73%
XYZ	37.8318, 41.9999, 17.9172
YIQ	169.6250, 30.9520, -21.3040

# Conversions

## Conversions Part 2

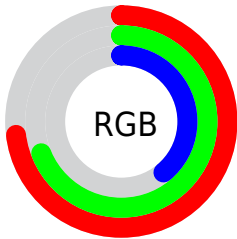
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 186, 99</a>
Decimal	<a href="#">12234595</a>
CIELab	<a href="#">70.87, -6.65, 40.18</a>
CIELCh	<a href="#">71, 40.726, 99.391</a>
Yxy	<a href="#">41.9999, 0.3870, 0.4297</a>
Android (android.graphics.Color)	<a href="#">4290424675 (0xFFBAAF63)</a>
YUV	<a href="#">169.6250, -34.8181, 14.3609</a>
Hunter-Lab	<a href="#">64.8073, -9.2120, 28.9733</a>

# Details

The Hex color **BAAF63** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **636EBA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F4E697**, and **837B32** is the 20% darker color. If you saturate the color by 10%, you get **BAAD50**, and if you desaturate by 10%, it is **BAB176**.

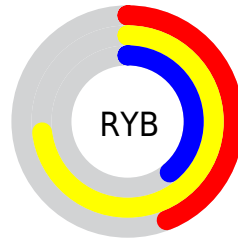
# Distribution



Red (73%)

Green (69%)

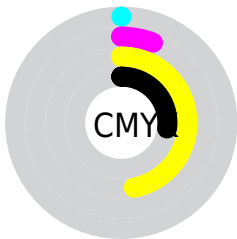
Blue (39%)



Red (44%)

Yellow (73%)

Blue (39%)

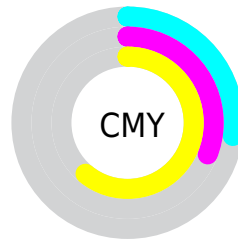


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAAF63 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 BAAF63 by changing the saturation by 10% instead.



 BAAF63

 BAAF63

FFFFFF

 9E944A

 F4E697

 837B32

 FFFFB2

 696219

 FFFFCE

 4F4A00

 FFFFEB

 373400

 1E1F00

 000600

 000000

 BAAF63

 BAAF63

 BAAD50

 BAB176

 BAAA3E

 BAB488

 BAA82B

 BAB69B

 BAA619

 BAB8AD

 BAA306

 BABBC0

 BAA200

 BABDD3

 BABFE5

 BAC2F8

 BAC4FF

# Harmonies

## Analogous

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



DBA268



BAAF63



92B973

# Triad

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



BAAF63



00BFDB



E594C8

# Complementary

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



BAAF63



636EBA

# 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.



C19FE7



BAAF63



42B8F2

# Square

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



BAAF63



21C1B8



8AADF6



F590A3

# Rectangle

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



BAAF63



73BE86



8AADF6



DB97D4



# Sweetspot

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



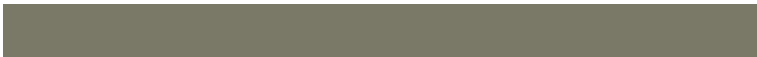
BAAF63



F2EED0



BA636F



7A7866



FAFafa



7A7A7A



# Same Dimension

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



BAAF63



F2E16B



9ABA63



5C5B53



9C8800



1C1900



# Inverse Universe

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



636EBA



6B7CF2



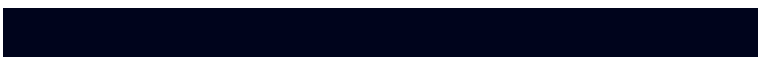
8363BA



53545C



00149C



00041C



# Previews

## White Background



This preview shows how the Hex color BAAF63 looks on a white background.

## Color Contrast Check

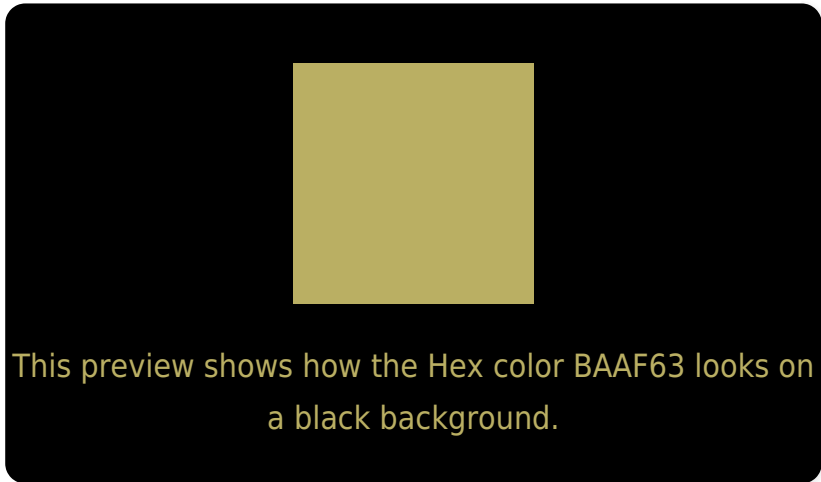
Large Text (above 18pt) WCAG AA × Fail

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 BAAF63 Background



This preview shows how black text looks on a background with the Hex color BAAF63.

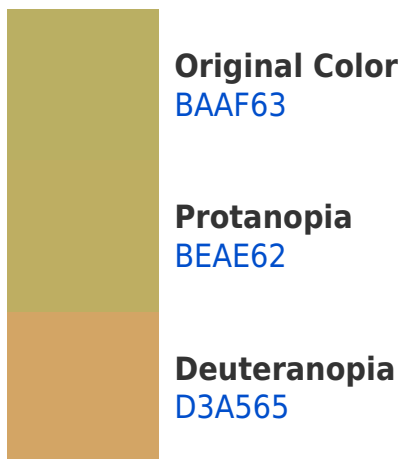


This preview shows how white text looks on a background with the Hex color BAAF63.

# 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**  
C2A6B3

# Trichromacy



**Original Color**  
BAAF63

**Protanomaly**  
BDAE62

**Deuteranomaly**  
CAA964

**Tritanomaly**  
BFA996

# Monochromacy



**Original Color**  
BAAF63

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B0AC90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAAF63 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 #BAAF63 looks like.

```
.text, #text, p{  
    color:#BAAF63  
}
```

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 #BAAF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAAF63  
}
```

## Border

The CSS property to change the border of an element to Hex BAAF63 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  
#BAAF63 }
```

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

```
.border{ border-color:#BAAF63 }
```

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

Here you see how a box with a 4 pixel #BAAF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAAF63; -webkit-box-shadow:4px 4px  
4px 4px #BAAF63; box-shadow:4px 4px 4px  
4px #BAAF63 }
```

# Background

The CSS property to change the background color of an element to Hex BAAF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAAF63 }
```

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

```
.background{ background-color:#BAAF63 }
```

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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