

# Converting Colors

Hex(BAA93D)

Have a look what the booklet for  
Hex(BAA93D) contains.

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# **Color**

**Hex(BAA93D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA93D
RGB	186, 169, 61
RGB Percent	73%, 66%, 24%
CMY	0.2706, 0.3373, 0.7608
CMYK	0.00, 0.09, 0.67, 0.27
HSL	52°, 51%, 48%
HSV	52°, 67%, 73%
XYZ	35.2800, 39.1520, 10.1125
YIQ	161.7710, 44.8000, -29.9840

# Conversions

## Conversions Part 2

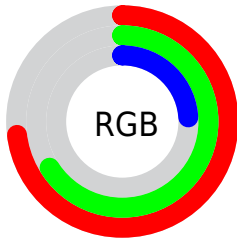
Format	Color
<a href="#">RYB</a>	<a href="#">81, 186, 61</a>
Decimal	<a href="#">12233021</a>
CIELab	<a href="#">68.86, -6.45, 55.74</a>
CIELCh	<a href="#">69, 56.111, 96.596</a>
Yxy	<a href="#">39.1520, 0.4173, 0.4631</a>
Android (android.graphics.Color)	<a href="#">4290423101 (0xFFBAA93D)</a>
YUV	<a href="#">161.7710, -49.6801, 21.2488</a>
Hunter-Lab	<a href="#">62.5715, -8.8558, 34.2179</a>

# Details

The Hex color **BAA93D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D4EBA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F5E072**, and **817500** is the 20% darker color. If you saturate the color by 10%, you get **BAA62A**, and if you desaturate by 10%, it is **BAAC50**.

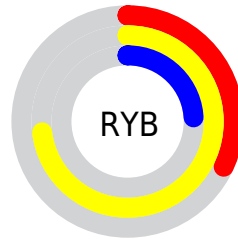
# Distribution



Red (73%)

Green (66%)

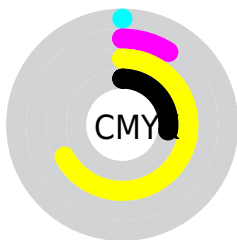
Blue (24%)



Red (32%)

Yellow (73%)

Blue (24%)

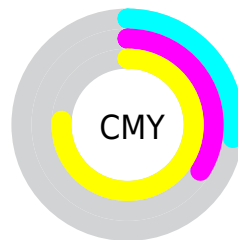


Cyan (0%)

Magenta (9%)

Yellow (67%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAA93D 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 BAA93D by changing the saturation by 10% instead.



 BAA93D

 BAA93D

FFFFFF

 9D8F21

 F5E072

 817500

 FFFC8D

 665D00

 FFFFA8

 4C4600

 FFFFC4

 323000

 FFFFE1

 191B00

FFFFFFE

 000000

 BAA93D

 BAA93D

 BAA62A

 BAAC50

 BAA418

 BAAE62

 BAA105

 BAB175

 BAA100

 BAB387

 BAB69A

 BAB8AD

 BABBBF

 BABDD2

 BAC0E4

# Harmonies

## Analogous

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



E59749



BAA93D



84B652

# Triad

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



BAA93D



00C0E3



EF83D1

# Complementary

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



BAA93D



3D4EBA

# 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.



BA96FA



BAA93D



00B8FF

# Square

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



BAA93D



00C1B2



5DAAFF



FF7B9F

# Rectangle

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



BAA93D



56BC6E



5DAAFF



E189E1



# Sweetspot

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



BAA93D



F2ECC2



BA3D50



7A765D



FAFafa



7A7A7A



# Same Dimension

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



BAA93D



F2D82E



8EBA3D



5C5B53



9C8600



1C1800



# Inverse Universe

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



3D4EBA



2E49F2



693DBA



53545C



00159C



00041C



# Previews

## White Background



This preview shows how the Hex color BAA93D looks on a white background.

## Color Contrast Check

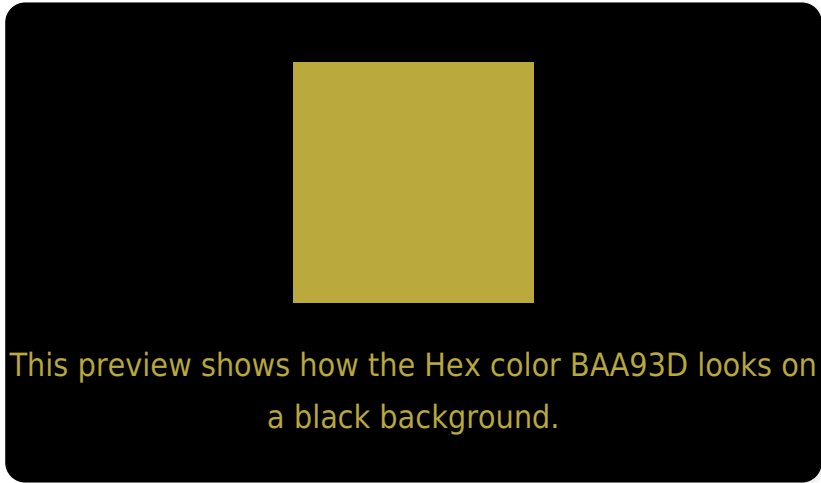
Large Text (above 18pt) WCAG AA × Fail

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 BAA93D Background



This preview shows how black text looks on a background with the Hex color BAA93D.



This preview shows how white text looks on a background with the Hex color BAA93D.

# 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**  
BAA93D

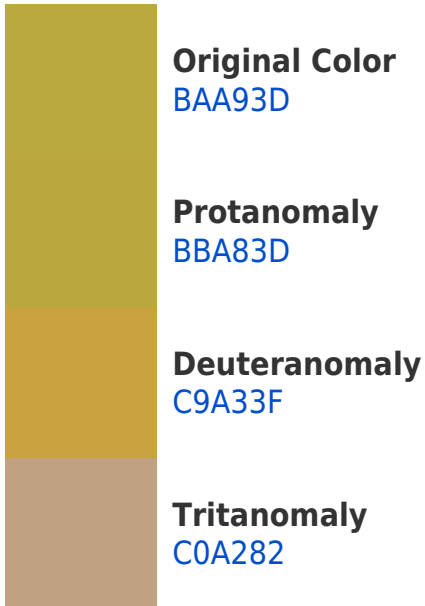
**Protanopia**  
BCA83D

**Deuteranopia**  
D1A040

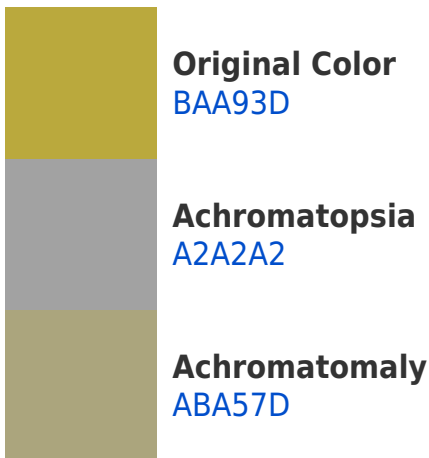


**Tritanopia**  
C39EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAA93D 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 #BAA93D looks like.

```
.text, #text, p{  
    color:#BAA93D  
}
```

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 #BAA93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA93D  
}
```

## Border

The CSS property to change the border of an element to Hex BAA93D 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  
#BAA93D }
```

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

```
.border{ border-color:#BAA93D }
```

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

Here you see how a box with a 4 pixel #BAA93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA93D; -webkit-box-shadow:4px 4px  
4px 4px #BAA93D; box-shadow:4px 4px 4px  
4px #BAA93D }
```

# Background

The CSS property to change the background color of an element to Hex BAA93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA93D }
```

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

```
.background{ background-color:#BAA93D }
```

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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