

Converting Colors

Hex(BAAA31)

Have a look what the booklet for
Hex(BAAA31) contains.

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Color

Hex(BAAA31)

Conversions

Conversions Part 1

Format	Color
Hex	BAAA31
RGB	186, 170, 49
RGB Percent	73%, 67%, 19%
CMY	0.2706, 0.3333, 0.8078
CMYK	0.00, 0.09, 0.74, 0.27
HSL	53°, 58%, 46%
HSV	53°, 74%, 73%
XYZ	35.1788, 39.4103, 8.6586
YIQ	160.9900, 48.3770, -34.2390

Conversions

Conversions Part 2

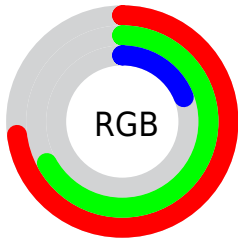
Format	Color
RYB	67, 186, 49
Decimal	12233265
CIELab	69.05, -7.59, 60.63
CIELCh	69, 61.102, 97.138
Yxy	39.4103, 0.4226, 0.4734
Android (android.graphics.Color)	4290423345 (0xFFBAAA31)
YUV	160.9900, -55.2111, 21.9338
Hunter-Lab	62.7776, -9.8345, 35.7668

Details

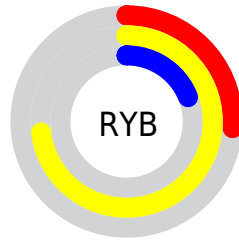
The Hex color **BAAA31** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3141BA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F5E168**, and **817600** is the 20% darker color. If you saturate the color by 10%, you get **BAA81E**, and if you desaturate by 10%, it is **BAAC44**.

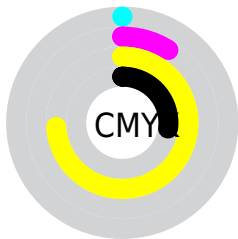
Distribution



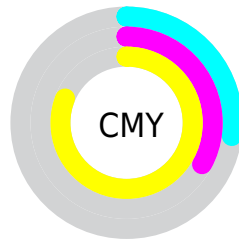
- Red (73%)
- Green (67%)
- Blue (19%)



- Red (26%)
- Yellow (73%)
- Blue (19%)



- Cyan (0%)
- Magenta (9%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAAA31 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 BAAA31 by changing the saturation by 10% instead.

 BAAA31

 BAAA31

FFFFFF

 9D900F

 F5E168

 817600

 FFFE83

 665E00

 FFFF9E

 4B4600

 FFFFBA

 313000

 FFFFD7

 181C00

 FFFFF4

 000000

 BAAA31

 BAAA31

 BAA81E

 BAAC44

 BAA60C

 BAAE56

 BAA400

 BAB169

 BAB37B

 BAB58E

 BAB7A1

 BAB9B3

 BABBC6

 BABED8

Harmonies

Analogous

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



E89640



BAAA31



7FB84B

Triad

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



BAAA31



00C2EA



F67ED5

Complementary

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



BAAA31



3141BA

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.



BD94FF



BAAA31



00BAFF

Square

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



BAAA31



00C4B5



50AAFF



FF769D

Rectangle

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



BAAA31



49BE6A



50AAFF



E785E5

Sweetspot

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



BAAA31



F2ECBD



BA3143



7A775B



FAFAFA



7A7A7A

Same Dimension

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



BAAA31



F2D91D



88BA31



5C5B53



9C8900



1C1900

Inverse Universe

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



3141BA



1D36F2



6331BA



53545C



00129C



00031C

Previews

White Background



This preview shows how the Hex color BAAA31 looks on a white background.

Color Contrast Check

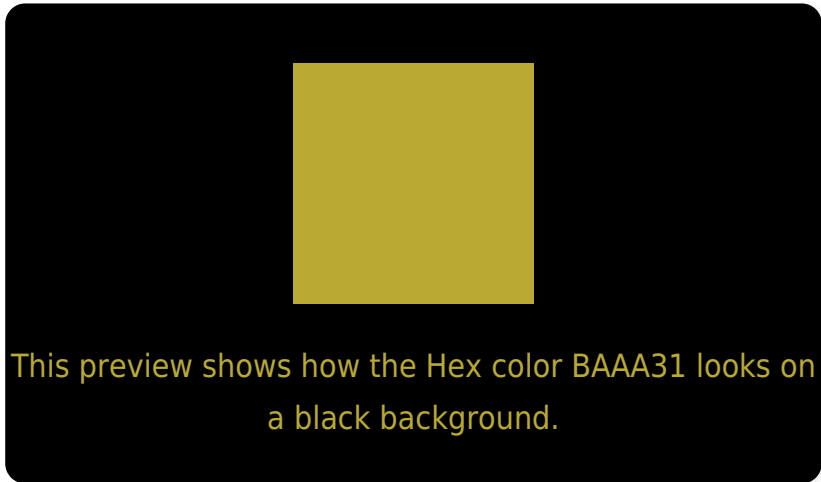
Large Text (above 18pt) WCAG AA × Fail

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 BAAA31 Background



This preview shows how black text looks on a background with the Hex color BAAA31.



This preview shows how white text looks on a background with the Hex color BAAA31.

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
BAAA31

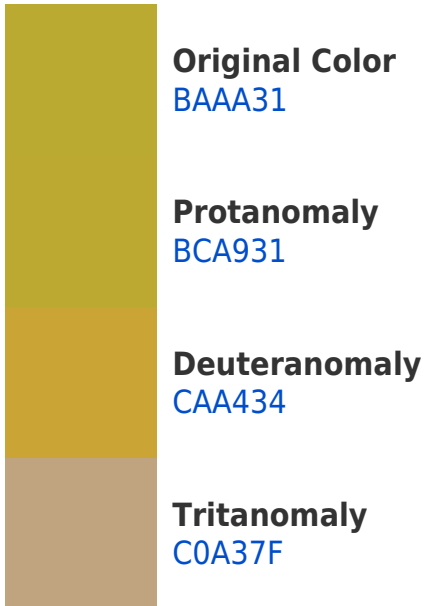
Protanopia
BDA931

Deuteranopia
D3A035

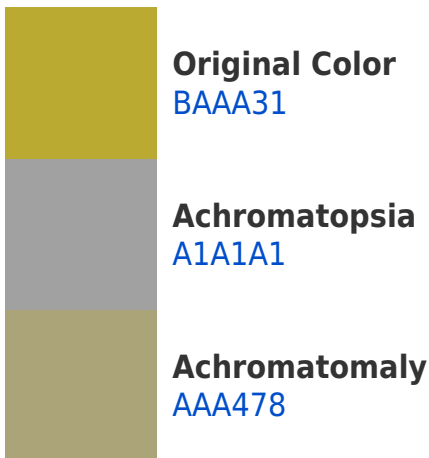


Tritanopia
C49FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAAA31 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 #BAAA31 looks like.

```
.text, #text, p{  
    color:#BAAA31  
}
```

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 #BAAA31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAAA31
}
```

Border

The CSS property to change the border of an element to Hex BAAA31 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
#BAAA31 }
```

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

```
.border{ border-color:#BAAA31 }
```

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

Here you see how a box with a 4 pixel #BAAA31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAAA31; -webkit-box-shadow:4px 4px  
4px 4px #BAAA31; box-shadow:4px 4px 4px  
4px #BAAA31 }
```

Background

The CSS property to change the background color of an element to Hex BAAA31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAAA31 }
```

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

```
.background{ background-color:#BAAA31 }
```

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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