

Converting Colors

Hex(BAAF31)

Have a look what the booklet for
Hex(BAAF31) contains.

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Color

Hex(BAAF31)

Conversions

Conversions Part 1

Format	Color
Hex	BAAF31
RGB	186, 175, 49
RGB Percent	73%, 69%, 19%
CMY	0.2706, 0.3137, 0.8078
CMYK	0.00, 0.06, 0.74, 0.27
HSL	55°, 58%, 46%
HSV	55°, 74%, 73%
XYZ	36.1340, 41.3208, 8.9770
YIQ	163.9250, 47.0020, -36.8540

Conversions

Conversions Part 2

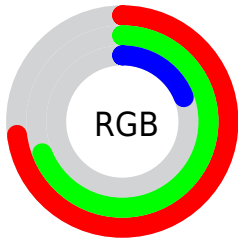
Format	Color
RYB	61, 186, 49
Decimal	12234545
CIELab	70.40, -10.20, 61.92
CIELCh	70, 62.754, 99.356
Yxy	41.3208, 0.4181, 0.4781
Android (android.graphics.Color)	4290424625 (0xFFBAAF31)
YUV	163.9250, -56.6580, 19.3598
Hunter-Lab	64.2813, -12.1530, 36.7169

Details

The Hex color **BAAF31** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **313CBA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F5E668**, and **817B00** is the 20% darker color. If you saturate the color by 10%, you get **BAAE1E**, and if you desaturate by 10%, it is **BAB044**.

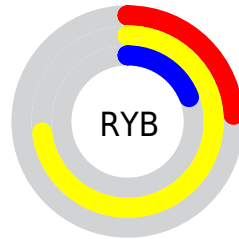
Distribution



Red (73%)

Green (69%)

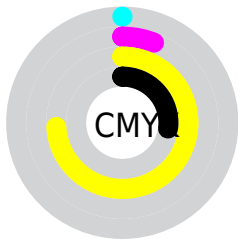
Blue (19%)



Red (24%)

Yellow (73%)

Blue (19%)

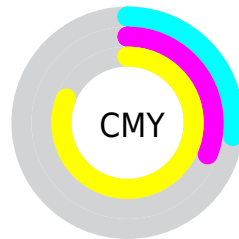


Cyan (0%)

Magenta (6%)

Yellow (74%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAAF31 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 BAAF31 by changing the saturation by 10% instead.



BAAF31



BAAF31

FFFFFF



9D950E



F5E668



817B00



FFFF83



666200



FFFF9F



4B4B00



FFFFBB



313400



FFFFD8



181F00



FFFFF5



000300



000000



BAAF31



BAAF31

■ BAAE1E

■ BAB044

■ BAAC0C

■ BAB256

■ BAAB00

■ BAB369

■ BAB57B

■ BAB68E

■ BAB8A1

■ BAB9B3

■ BABBC6

■ BABCD8

Harmonies

Analogous

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



EB9B3E



BAAF31



7CBD4E

Triad

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



BAAF31



00C6F3



FF7FD6

Complementary

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



BAAF31



313CBA

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.



C795FF



BAAF31



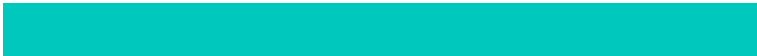
00BDFF

Square

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



BAAF31



00C8BD



5DADFF



FF789C

Rectangle

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



BAAF31



40C36F



5DADFF



F086E7

Sweetspot

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



BAAF31



F2EEBD



BA313C



7A785B



FAFAFA



7A7A7A

Same Dimension

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



BAAF31



F2E11D



81BA31



5C5B53



9C8F00



1C1A00

Inverse Universe

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



313CBA



1D2EF2



6A31BA



53535C



000C9C



00021C

Previews

White Background



This preview shows how the Hex color BAAF31 looks on a white background.

Color Contrast Check

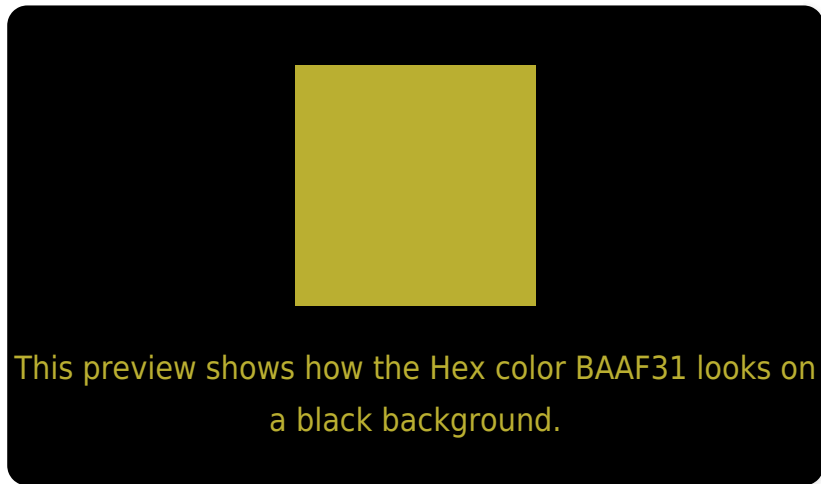
Large Text (above 18pt) WCAG AA × Fail

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 BAAF31 Background



This preview shows how black text looks on a background with the Hex color BAAF31.



This preview shows how white text looks on a background with the Hex color BAAF31.

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
BAAF31

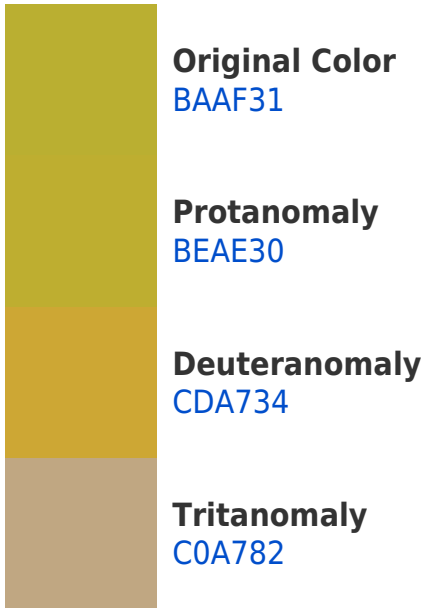
Protanopia
C1AD30

Deuteranopia
D8A336

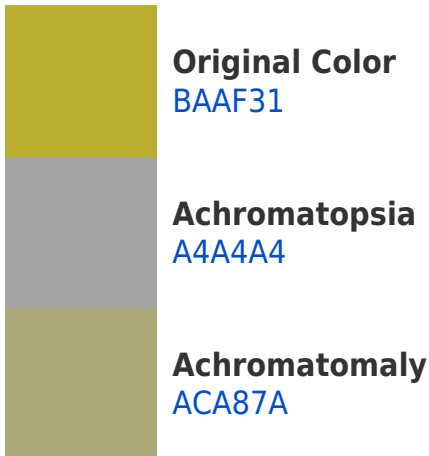


Tritanopia
C4A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAAF31 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 #BAAF31 looks like.

```
.text, #text, p{  
    color:#BAAF31  
}
```

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 #BAAF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAAF31
}
```

Border

The CSS property to change the border of an element to Hex BAAF31 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
#BAAF31 }
```

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

```
.border{ border-color:#BAAF31 }
```

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

Here you see how a box with a 4 pixel #BAAF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAAF31; -webkit-box-shadow:4px 4px  
4px 4px #BAAF31; box-shadow:4px 4px 4px  
4px #BAAF31 }
```

Background

The CSS property to change the background color of an element to Hex BAAF31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAAF31 }
```

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

```
.background{ background-color:#BAAF31 }
```

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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