

# Converting Colors

Hex(BBAA19)

Have a look what the booklet for  
Hex(BBAA19) contains.

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**Color**

**Hex(BBAA19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BBAA19</a>
RGB	<a href="#">187, 170, 25</a>
RGB Percent	<a href="#">73%, 67%, 10%</a>
CMY	<a href="#">0.2667, 0.3333, 0.9020</a>
CMYK	<a href="#">0.00, 0.09, 0.87, 0.27</a>
HSL	<a href="#">54°, 76%, 42%</a>
HSV	<a href="#">54°, 87%, 73%</a>
XYZ	<a href="#">35.0437, 39.3844, 6.6747</a>
YIQ	<a href="#">158.5530, 56.6770, -41.4910</a>

# Conversions

## Conversions Part 2

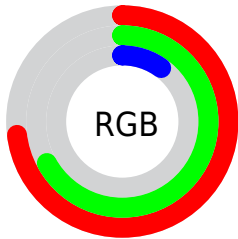
Format	Color
<a href="#">RYB</a>	<a href="#">44, 187, 25</a>
Decimal	<a href="#">12298777</a>
CIELab	<a href="#">69.03, -7.97, 67.74</a>
CIELCh	<a href="#">69, 68.210, 96.712</a>
Yxy	<a href="#">39.3844, 0.4321, 0.4856</a>
Android (android.graphics.Color)	<a href="#">4290488857 (0xFFBBAA19)</a>
YUV	<a href="#">158.5530, -65.8416, 24.9480</a>
Hunter-Lab	<a href="#">62.7570, -10.1498, 37.6240</a>

# Details

The Hex color **BBAA19** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **192ABB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F7E157**, and **817600** is the 20% darker color. If you saturate the color by 10%, you get **BBA806**, and if you desaturate by 10%, it is **BBAC2C**.

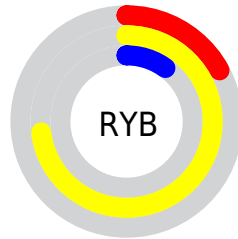
# Distribution



Red (73%)

Green (67%)

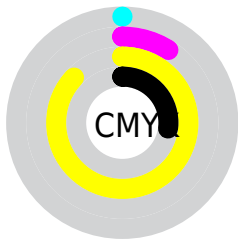
Blue (10%)



Red (17%)

Yellow (73%)

Blue (10%)

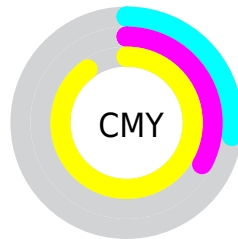


Cyan (0%)

Magenta (9%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAA19 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 BBAA19 by changing the saturation by 10% instead.



 BBAA19

 BBAA19

FFFFFF

 9E9000

 F7E157

 817600

 FFFD73

 665E00

 FFFF8F

 4A4700

 FFFFAB

 303000

 FFFFC7

 181C00

 FFFF E4

 000000

 BBAA19

 BBAA19

 BBA806

 BBAC2C

 BBA700

 BBAE3E

 BBB051

 BBB264

 BBB476

 BBB689

 BBB89C

 BBBAAF

 BBBC1

# Harmonies

## Analogous

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



EE9331



BBAA19



7ABA3D

# Triad

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



BBA19



00C4F1



FE77DB

# Complementary

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



BBA19



192AB

# 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.



BC92FF



BBAA19



00BCFF

# Square

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



BBAA19



00C6B5



27ABFF



FF6C9D

# Rectangle

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



BBA19



36C061



27ABFF



ED80ED



# Sweetspot

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



BBA19



F2ECB3



BB192C



7A7654



FAFAFA



7A7A7A



# Same Dimension

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



BBA19



F2D900



7DBB19



5E5D55



9E8E00



1F1B00



# Inverse Universe

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



192ABB



0019F2



5719BB



55565E



00119E

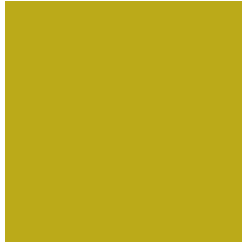


00031F



# Previews

## White Background



This preview shows how the Hex color BBAA19 looks on a white background.

## Color Contrast Check

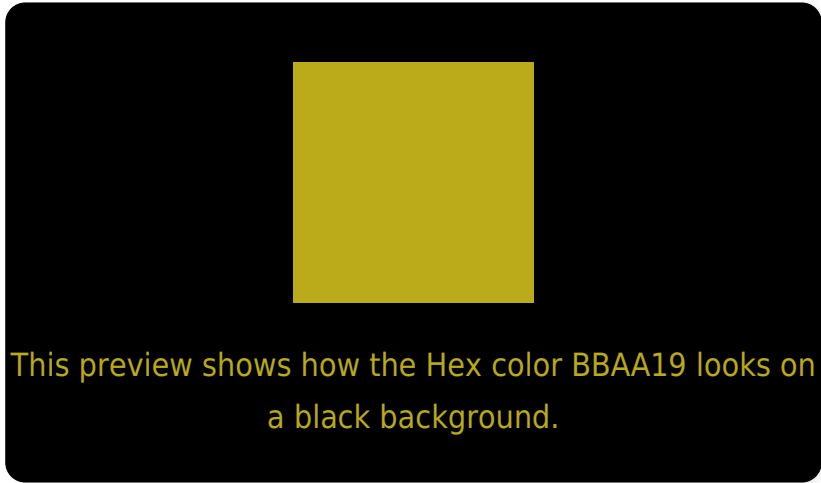
Large Text (above 18pt) WCAG AA × Fail

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 BBAA19 Background



This preview shows how black text looks on a background with the Hex color BBAA19.



This preview shows how white text looks on a background with the Hex color BBAA19.

# 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**  
BBAA19

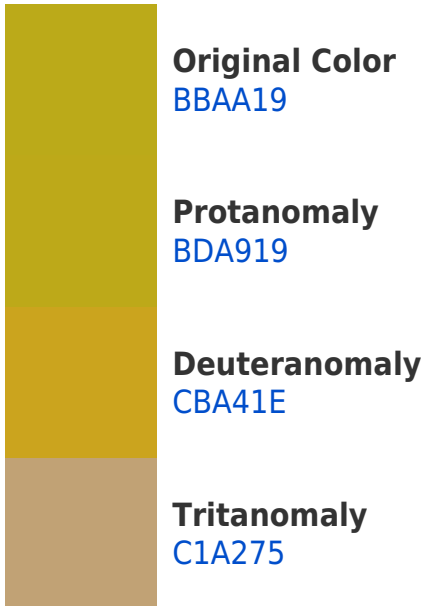
**Protanopia**  
BEA919

**Deuteranopia**  
D4A021

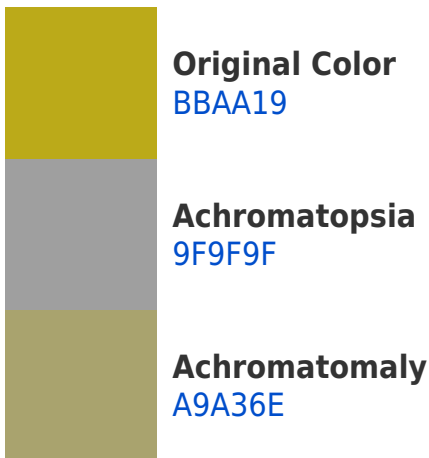


**Tritanopia**  
C59EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAA19 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 #BBAA19 looks like.

```
.text, #text, p{  
    color:#BBAA19  
}
```

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 #BBAA19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA19
}
```

## Border

The CSS property to change the border of an element to Hex BBAA19 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
#BBAA19 }
```

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

```
.border{ border-color:#BBAA19 }
```

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

Here you see how a box with a 4 pixel #BBAA19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA19; -webkit-box-shadow:4px 4px  
4px 4px #BBAA19; box-shadow:4px 4px 4px  
4px #BBAA19 }
```

# Background

The CSS property to change the background color of an element to Hex BBAA19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA19 }
```

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

```
.background{ background-color:#BBAA19 }
```

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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