

# Converting Colors

Hex(BBAC2C)

Have a look what the booklet for  
Hex(BBAC2C) contains.

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# **Color**

**Hex(BBAC2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAC2C
RGB	187, 172, 44
RGB Percent	73%, 67%, 17%
CMY	0.2667, 0.3255, 0.8275
CMYK	0.00, 0.08, 0.76, 0.27
HSL	54°, 62%, 45%
HSV	54°, 76%, 73%
XYZ	35.7007, 40.2517, 8.2706
YIQ	161.8930, 50.0280, -36.6280

# Conversions

## Conversions Part 2

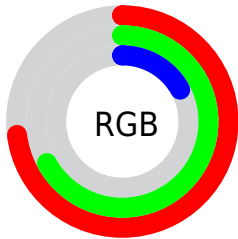
Format	Color
<a href="#">RYB</a>	<a href="#">61, 187, 44</a>
Decimal	<a href="#">12299308</a>
CIELab	<a href="#">69.65, -8.42, 62.97</a>
CIElCh	<a href="#">70, 63.529, 97.613</a>
Yxy	<a href="#">40.2517, 0.4239, 0.4779</a>
Android (android.graphics.Color)	<a href="#">4290489388 (0xFFBBAC2C)</a>
YUV	<a href="#">161.8930, -58.1212, 22.0188</a>
Hunter-Lab	<a href="#">63.4442, -10.5837, 36.6819</a>

# Details

The Hex color **BBAC2C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C3BBB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F6E364**, and **827800** is the 20% darker color. If you saturate the color by 10%, you get **BBAA19**, and if you desaturate by 10%, it is **BBAE3F**.

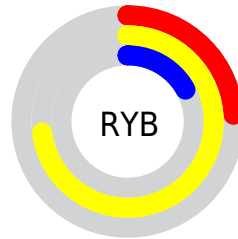
# Distribution



Red (73%)

Green (67%)

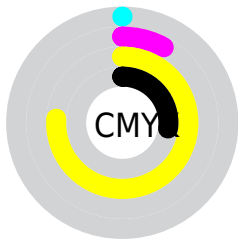
Blue (17%)



Red (24%)

Yellow (73%)

Blue (17%)

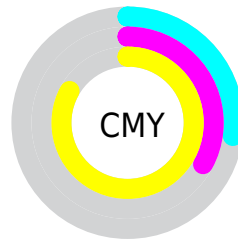


Cyan (0%)

Magenta (8%)

Yellow (76%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAC2C 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 BBAC2C by changing the saturation by 10% instead.



 BBAC2C

 BBAC2C

FFFFFF

 9E9204

 F6E364

 827800

 FFFF7F

 666000

 FFFF9B

 4B4800

 FFFFB7

 313200

 FFFFD4

 191D00

 FFFFF1

 000000

 BBAC2C

 BBAC2C

 BBAA19

 BBAE3F

 BBA807

 BBB051

 BBA700

 BBB264

 BBB477

 BBB689

 BBB89C

 BBBAAF

 BBBCC2

 BBBED4

# Harmonies

## Analogous

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



EB973C



BBAC2C



7EBB49

# Triad

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



BBAC2C



00C4EF



FB7DD7

# Complementary

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



BBAC2C



2C3BBB

# 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.



C095FF



BBAC2C



00BCFF

# Square

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



BBAC2C



00C6B8



4DACFF



FF749E

# Rectangle

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



BBAC2C



43C169



4DACFF



EC84E9



# Sweetspot

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



BBAC2C



F2ECBB



BB2C3D



7A7758



FAFAFA



7A7A7A



# Same Dimension

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



BBAC2C



F2DB13



84BB2C



5E5D55



9E8E00



1F1B00



# Inverse Universe

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



2C3BBB



132BF2



632CBB



55565E



00119E



00031F



# Previews

## White Background



This preview shows how the Hex color BBAC2C looks on a white background.

## Color Contrast Check

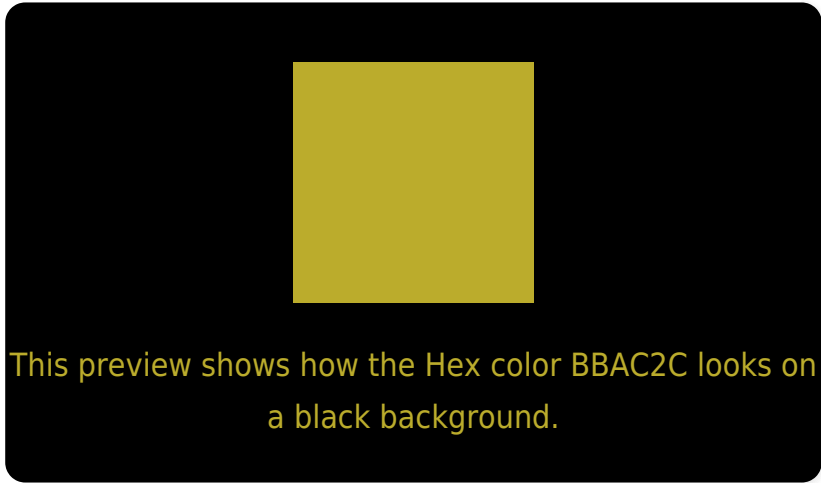
Large Text (above 18pt) WCAG AA × Fail

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 BBAC2C Background



This preview shows how black text looks on a background with the Hex color BBAC2C.



This preview shows how white text looks on a background with the Hex color BBAC2C.

# 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**  
BBAC2C

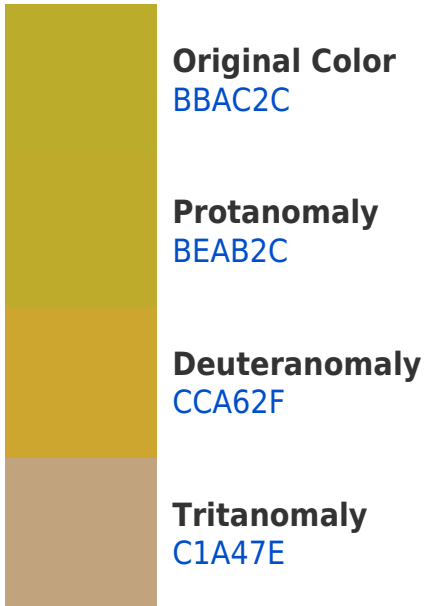
**Protanopia**  
BFAB2C

**Deuteranopia**  
D6A231

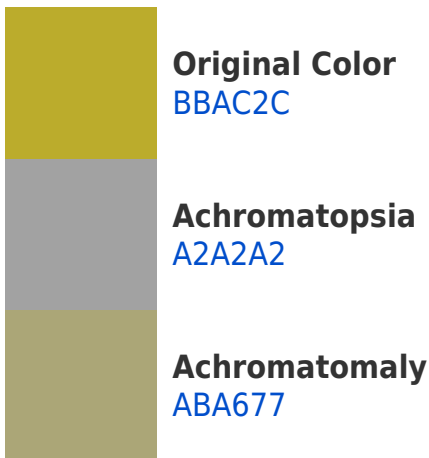


**Tritanopia**  
C5A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAC2C 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 #BBAC2C looks like.

```
.text, #text, p{  
    color:#BBAC2C  
}
```

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 #BBAC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAC2C
}
```

## Border

The CSS property to change the border of an element to Hex BBAC2C 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
#BBAC2C }
```

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

```
.border{ border-color:#BBAC2C }
```

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

Here you see how a box with a 4 pixel #BBAC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAC2C; -webkit-box-shadow:4px 4px  
4px 4px #BBAC2C; box-shadow:4px 4px 4px  
4px #BBAC2C }
```

# Background

The CSS property to change the background color of an element to Hex BBAC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAC2C }
```

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

```
.background{ background-color:#BBAC2C }
```

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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