

# Converting Colors

Hex(BCA824)

Have a look what the booklet for  
Hex(BCA824) contains.

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# **Color**

**Hex(BCA824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA824
RGB	188, 168, 36
RGB Percent	74%, 66%, 14%
CMY	0.2627, 0.3412, 0.8588
CMYK	0.00, 0.11, 0.81, 0.26
HSL	52°, 68%, 44%
HSV	52°, 81%, 74%
XYZ	35.0601, 38.8240, 7.3150
YIQ	158.9320, 54.2920, -36.8120

# Conversions

## Conversions Part 2

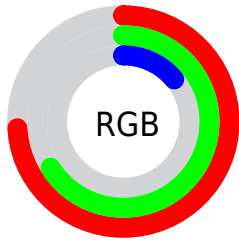
Format	Color
<a href="#">RYB</a>	<a href="#">59, 188, 36</a>
Decimal	<a href="#">12363812</a>
CIELab	<a href="#">68.62, -6.17, 64.60</a>
CIElCh	<a href="#">69, 64.892, 95.456</a>
Yxy	<a href="#">38.8240, 0.4318, 0.4781</a>
Android (android.graphics.Color)	<a href="#">4290553892</a> ( <a href="#">0xFFBCA824</a> )
YUV	<a href="#">158.9320, -60.6055, 25.4926</a>
Hunter-Lab	<a href="#">62.3089, -8.6018, 36.6557</a>

# Details

The Hex color **BCA824** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2438BC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F8DF5E**, and **837400** is the 20% darker color. If you saturate the color by 10%, you get **BCA611**, and if you desaturate by 10%, it is **BCAA37**.

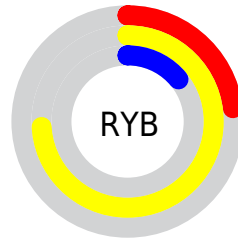
# Distribution



Red (74%)

Green (66%)

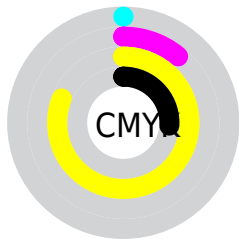
Blue (14%)



Red (23%)

Yellow (74%)

Blue (14%)

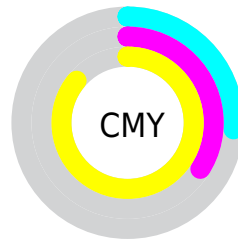


Cyan (0%)

Magenta (11%)

Yellow (81%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCA824 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 BCA824 by changing the saturation by 10% instead.



 BCA824

 BCA824

FFFFFF

 9F8E00

 F8DF5E

 837400

 FFFB79

 675C00

 FFFF95

 4C4500

 FFFF81

 312F00

 FFFFCD

 191A00

 FFFF8A

 000000

 BCA824

 BCA824

 BCA611

 BCAA37

■ BCA300

■ BCAD4A

■ BCAF5C

■ BCB26F

■ BCB482

■ BCB795

■ BCB9A8

■ BCBCBA

■ BCBECD

# Harmonies

## Analogous

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



EC9239



BCA824



7FB740

# Triad

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



BCA824



00C2EA



F77BD9

# Complementary

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



BCA824



2438BC

# 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.



B793FF



BCA824



00BAFF

# Square

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



BCA824



00C4B1



2EABFF



FF709F

# Rectangle

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



BCA824



44BE61



2EABFF



E682EB



# Sweetspot

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



BCA824



F5EDBA



BC2438



7A7657



FAFAFA



7A7A7A



# Same Dimension

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



BCA824



F5D607



84BC24



5E5D55



9E8900



1F1B00



# Inverse Universe

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



2438BC



0727F5



5C24BC



55565E



00159E

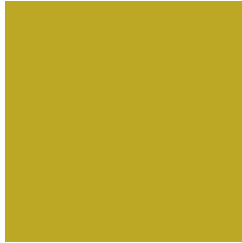


00041F



# Previews

## White Background



This preview shows how the Hex color #BCA824 looks on a white background.

## Color Contrast Check

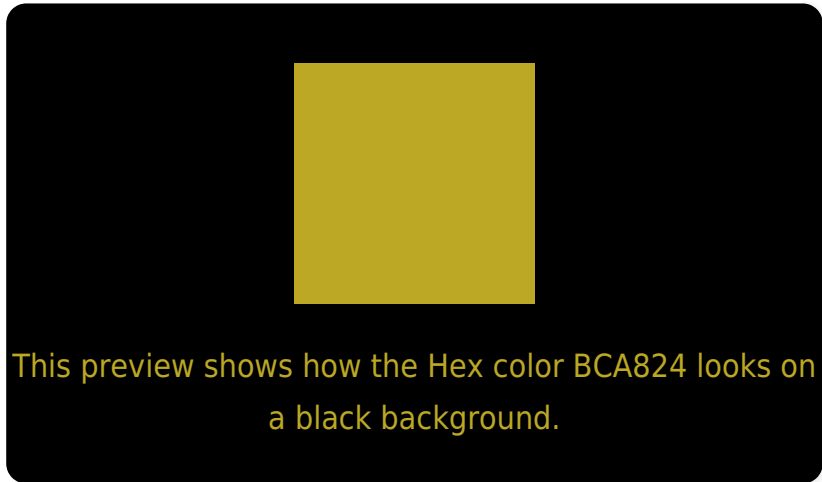
Large Text (above 18pt) WCAG AA × Fail

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 BCA824 Background



This preview shows how black text looks on a background with the Hex color BCA824.



This preview shows how white text looks on a background with the Hex color BCA824.

# 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**  
BCA824

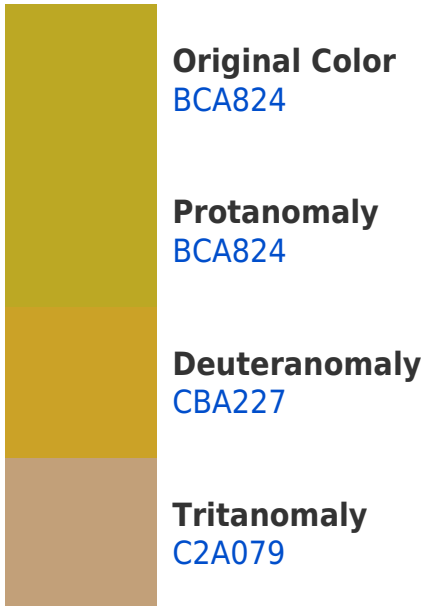
**Protanopia**  
BCA824

**Deuteranopia**  
D39F29

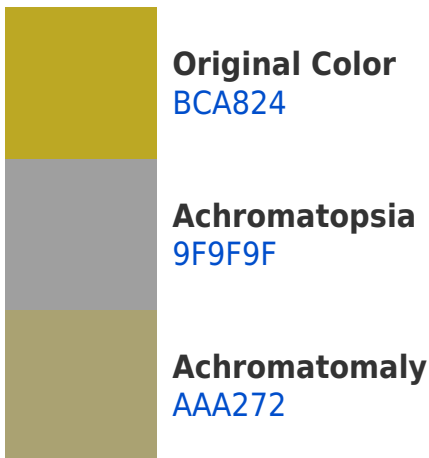


**Tritanopia**  
C69CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCA824 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 #BCA824 looks like.

```
.text, #text, p{  
    color:#BCA824  
}
```

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 #BCA824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA824
}
```

## Border

The CSS property to change the border of an element to Hex BCA824 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
#BCA824 }
```

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

```
.border{ border-color:#BCA824 }
```

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

Here you see how a box with a 4 pixel #BCA824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA824; -webkit-box-shadow:4px 4px  
4px 4px #BCA824; box-shadow:4px 4px 4px  
4px #BCA824 }
```

# Background

The CSS property to change the background color of an element to Hex BCA824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA824 }
```

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

```
.background{ background-color:#BCA824 }
```

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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