

Converting Colors

Hex(BCA821)

Have a look what the booklet for
Hex(BCA821) contains.

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Color

Hex(BCA821)

Conversions

Conversions Part 1

Format	Color
Hex	BCA821
RGB	188, 168, 33
RGB Percent	74%, 66%, 13%
CMY	0.2627, 0.3412, 0.8706
CMYK	0.00, 0.11, 0.82, 0.26
HSL	52°, 70%, 43%
HSV	52°, 82%, 74%
XYZ	35.0162, 38.8064, 7.0837
YIQ	158.5900, 55.2550, -37.7450

Conversions

Conversions Part 2

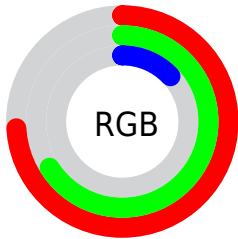
Format	Color
R_{YB}	56, 188, 33
Decimal	12363809
CIE _{Lab}	68.61, -6.26, 65.44
CIE _{LCh}	69, 65.742, 95.468
Yxy	38.8064, 0.4328, 0.4796
Android (android.graphics.Color)	4290553889 (0xFFBCA821)
YUV	158.5900, -61.9159, 25.7926
Hunter-Lab	62.2948, -8.6803, 36.8644

Details

The Hex color **BCA821** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2135BC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F8DF5C**, and **827400** is the 20% darker color. If you saturate the color by 10%, you get **BCA60E**, and if you desaturate by 10%, it is **BCAA34**.

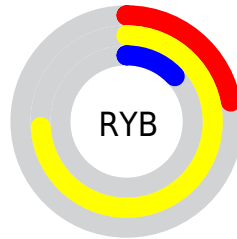
Distribution



Red (74%)

Green (66%)

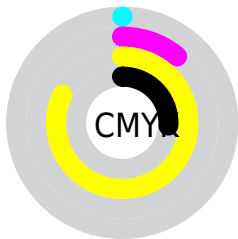
Blue (13%)



Red (22%)

Yellow (74%)

Blue (13%)

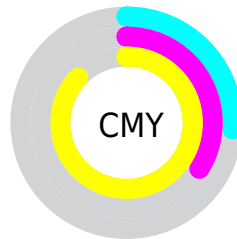


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCA821 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 BCA821 by changing the saturation by 10% instead.

 BCA821

 BCA821

FFFFFF

 9F8E00

 F8DF5C

 827400

 FFFB77

 675C00

 FFFF93

 4B4500

 FFFFAF

 312F00

 FFFFCB

 191A00

 FFFF E8

 000000

 BCA821

 BCA821

 BCA60E

 BCAA34

 BCA400

 BCAD47

 BCAF59

 BCB26C

 BCB47F

 BCB792

 BCB9A5

 BCBBB7

 BCBECA

Harmonies

Analogous

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



ED9237



BCA821



7EB73E

Triad

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



BCA821



00C2EB



F87ADA

Complementary

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



BCA821



2135BC

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



BCA821



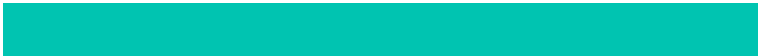
00BBFF

Square

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



BCA821



00C4B1



28ABFF



FF6E9F

Rectangle

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



BCA821



42BE60



28ABFF



E781EC

Sweetspot

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



BCA821



F5EDB8



BC2136



7A7656



FAFAFA



7A7A7A

Same Dimension

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



BCA821



F5D602



83BC21



5E5D55



9E8A00



1F1B00

Inverse Universe

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



2135BC



0222F5



5A21BC



55565E



00149E



00041F

Previews

White Background



This preview shows how the Hex color #BCA821 looks on a white background.

Color Contrast Check

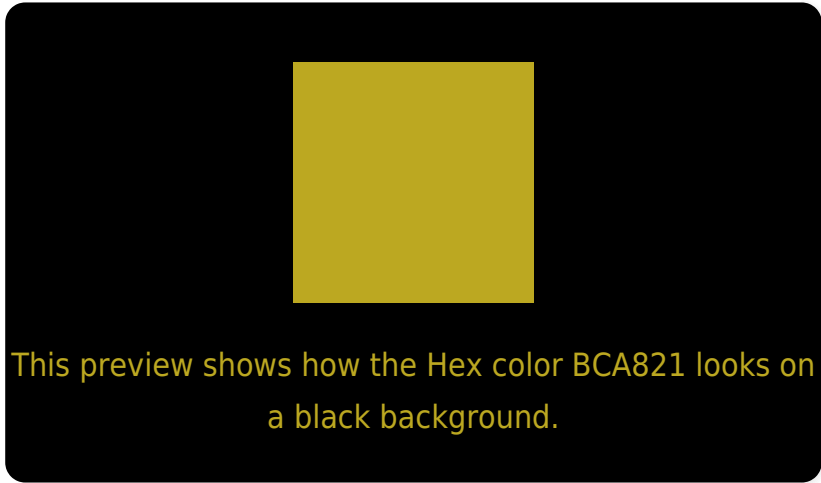
Large Text (above 18pt) WCAG AA × Fail

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 BCA821 Background



This preview shows how black text looks on a background with the Hex color BCA821.



This preview shows how white text looks on a background with the Hex color BCA821.

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
BCA821

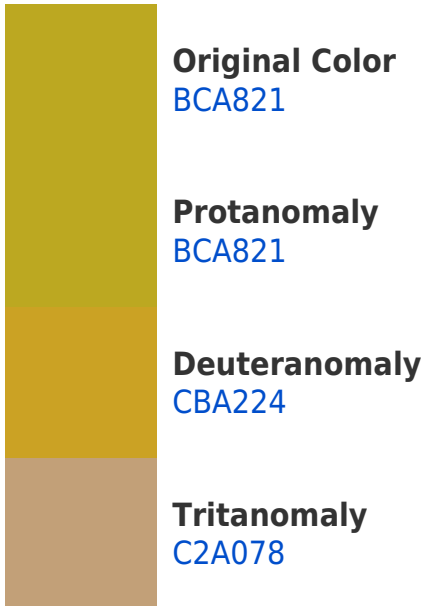
Protanopia
BCA821

Deuteranopia
D39F26

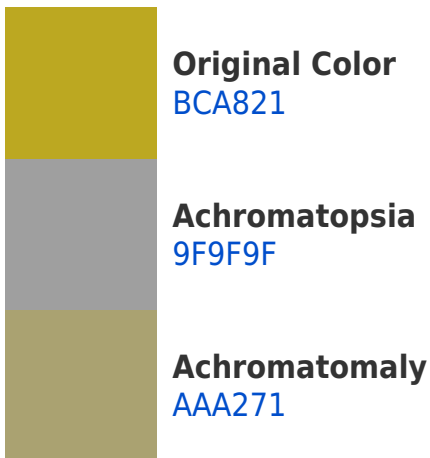


Tritanopia
C69CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCA821 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 #BCA821 looks like.

```
.text, #text, p{  
    color:#BCA821  
}
```

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 #BCA821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA821
}
```

Border

The CSS property to change the border of an element to Hex BCA821 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
#BCA821 }
```

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

```
.border{ border-color:#BCA821 }
```

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

Here you see how a box with a 4 pixel #BCA821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA821; -webkit-box-shadow:4px 4px  
4px 4px #BCA821; box-shadow:4px 4px 4px  
4px #BCA821 }
```

Background

The CSS property to change the background color of an element to Hex BCA821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA821 }
```

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

```
.background{ background-color:#BCA821 }
```

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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