

Converting Colors

Hex(BCA238)

Have a look what the booklet for
Hex(BCA238) contains.

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Color

Hex(BCA238)

Conversions

Conversions Part 1

Format	Color
Hex	BCA238
RGB	188, 162, 56
RGB Percent	74%, 64%, 22%
CMY	0.2627, 0.3647, 0.7804
CMYK	0.00, 0.14, 0.70, 0.26
HSL	48°, 54%, 48%
HSV	48°, 70%, 74%
XYZ	34.3732, 36.8176, 9.0362
YIQ	157.6900, 49.5220, -27.4540

Conversions

Conversions Part 2

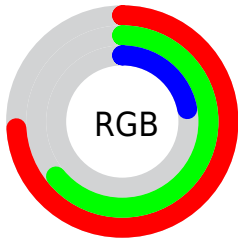
Format	Color
RYB	88, 188, 56
Decimal	12362296
CIELab	67.14, -2.13, 56.11
CIELCh	67, 56.147, 92.176
Yxy	36.8176, 0.4284, 0.4589
Android (android.graphics.Color)	4290552376 (0xFFBCA238)
YUV	157.6900, -50.1332, 26.5819
Hunter-Lab	60.6775, -5.0671, 33.6446

Details

The Hex color **BCA238** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3852BC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F7D96D**, and **836F00** is the 20% darker color. If you saturate the color by 10%, you get **BC9E25**, and if you desaturate by 10%, it is **BCA64B**.

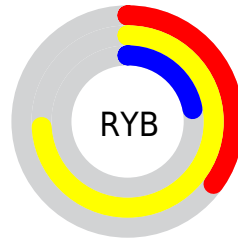
Distribution



Red (74%)

Green (64%)

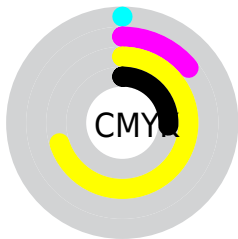
Blue (22%)



Red (35%)

Yellow (74%)

Blue (22%)

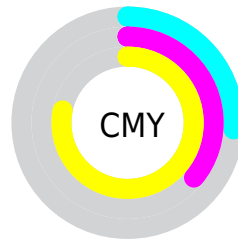


Cyan (0%)

Magenta (14%)

Yellow (70%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCA238 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 BCA238 by changing the saturation by 10% instead.

 BCA238

 BCA238

FFFFFF

 9F881B

 F7D96D

 836F00

 FFF588

 685700

 FFFFA3

 4D4000

 FFFFBF

 332A00

 FFFFDC

 1A1600

 FFFFF9

 000000

 BCA238

 BCA238

 BC9E25

 BCA64B

 BC9B12

 BCA95E

 BC9700

 BCAD70

 BCB183

 BCB596

 BCB8A9

 BCBCBC

 BCC0CE

 BCC3E1

Harmonies

Analogous

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



E58F49



BCA238



88B049

Triad

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



BCA238



00BBD8



E481D3

Complementary

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



BCA238



3852BC

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.



AA95F9



BCA238



00B5FC

Square

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



BCA238



00BCA6



3FA8FF



FF76A2

Rectangle

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



BCA238



5DB663



3FA8FF



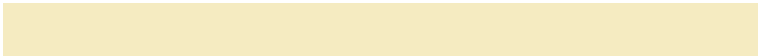
D587E2

Sweetspot

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



BCA238



F5EBC1



BC3852



7A745C



FAFAFA



7A7A7A

Same Dimension

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



BCA238



F5CC27



94BC38



5E5C55



9E7F00



1F1900

Inverse Universe

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



3852BC



2750F5



6038BC



55575E



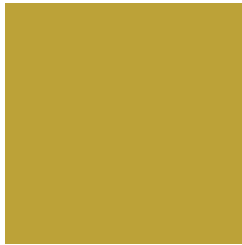
001F9E



00061F

Previews

White Background



This preview shows how the Hex color #BCA238 looks on a white background.

Color Contrast Check

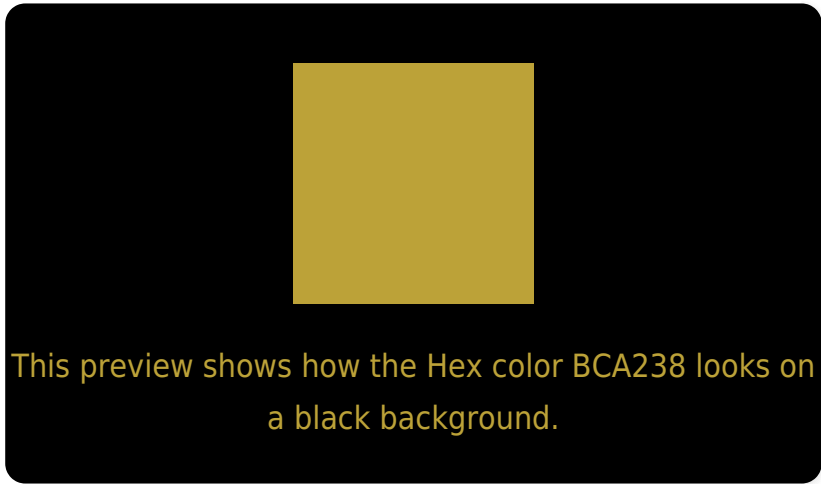
Large Text (above 18pt) WCAG AA × Fail

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 BCA238 Background



This preview shows how black text looks on a background with the Hex color BCA238.



This preview shows how white text looks on a background with the Hex color BCA238.

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
BCA238

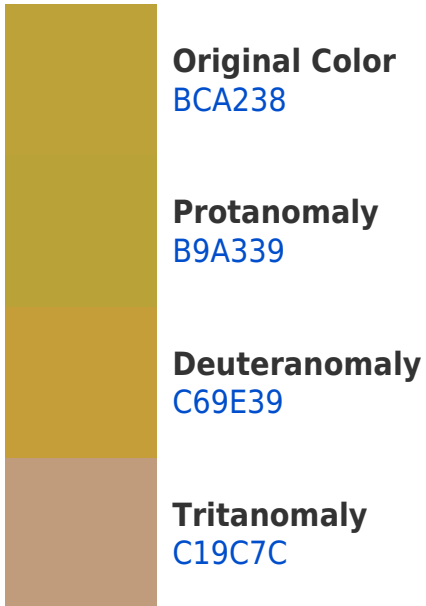
Protanopia
B7A439

Deuteranopia
CC9B3A

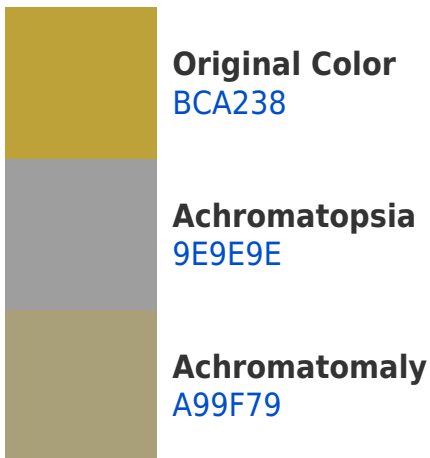


Tritanopia
C498A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCA238 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 #BCA238 looks like.

```
.text, #text, p{  
    color:#BCA238  
}
```

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 #BCA238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA238
}
```

Border

The CSS property to change the border of an element to Hex BCA238 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
#BCA238 }
```

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

```
.border{ border-color:#BCA238 }
```

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

Here you see how a box with a 4 pixel #BCA238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA238; -webkit-box-shadow:4px 4px  
4px 4px #BCA238; box-shadow:4px 4px 4px  
4px #BCA238 }
```

Background

The CSS property to change the background color of an element to Hex BCA238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA238 }
```

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

```
.background{ background-color:#BCA238 }
```

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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