

Converting Colors

Hex(BCA236)

Have a look what the booklet for
Hex(BCA236) contains.

Hex(BCA236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BCA236)

Conversions

Conversions Part 1

Format	Color
Hex	BCA236
RGB	188, 162, 54
RGB Percent	74%, 64%, 21%
CMY	0.2627, 0.3647, 0.7882
CMYK	0.00, 0.14, 0.71, 0.26
HSL	48°, 55%, 47%
HSV	48°, 71%, 74%
XYZ	34.3252, 36.7984, 8.7837
YIQ	157.4620, 50.1640, -28.0760

Conversions

Conversions Part 2

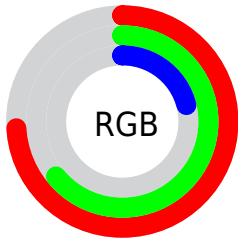
Format	Color
RYB	86, 188, 54
Decimal	12362294
CIELab	67.13, -2.24, 56.90
CIELCh	67, 56.946, 92.250
Yxy	36.7984, 0.4296, 0.4605
Android (android.graphics.Color)	4290552374 (0xFFBCA236)
YUV	157.4620, -51.0068, 26.7818
Hunter-Lab	60.6617, -5.1542, 33.8781

Details

The Hex color **BCA236** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3650BC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F7D96B**, and **836F00** is the 20% darker color. If you saturate the color by 10%, you get **BC9E23**, and if you desaturate by 10%, it is **BCA649**.

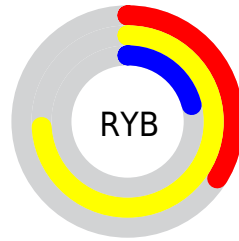
Distribution



Red (74%)

Green (64%)

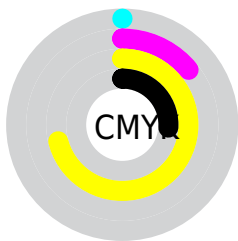
Blue (21%)



Red (34%)

Yellow (74%)

Blue (21%)

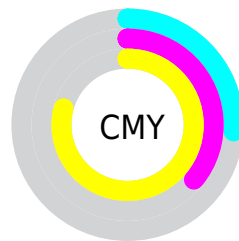


Cyan (0%)

Magenta (14%)

Yellow (71%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCA236 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 BCA236 by changing the saturation by 10% instead.

 BCA236

 BCA236

FFFFFF

 9F8819

 F7D96B

 836F00

 FFF586

 685700

 FFFFA1

 4D4000

 FFFFBD

 332A00

 FFFFDA

 1A1600

 FFFFF7

 000000

 BCA236

 BCA236

 BC9E23

 BCA649

 BC9B10

 BCA95C

 BC9800

 BCAD6E

 BCB181

 BCB494

 BCB8A7

 BCBCBA

 BCBFCC

 BCC3DF

Harmonies

Analogous

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



E58F48



BCA236



88B047

Triad

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



BCA236



00BCD9



E580D4

Complementary

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



BCA236



3650BC

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.



AB94FA



BCA236



00B5FD

Square

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



BCA236



00BDA6



3BA8FF



FF75A2

Rectangle

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



BCA236



5BB762



3BA8FF



D586E3

Sweetspot

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



BCA236



F5EBC1



BC3651



7A745C



FAFAFA



7A7A7A

Same Dimension

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



BCA236



F5CC22



94BC36



5E5D55



9E7F00



1F1900

Inverse Universe

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



3650BC



224BF5



5E36BC



55575E



001F9E



00061F

Previews

White Background



This preview shows how the Hex color #BCA236 looks on a white background.

Color Contrast Check

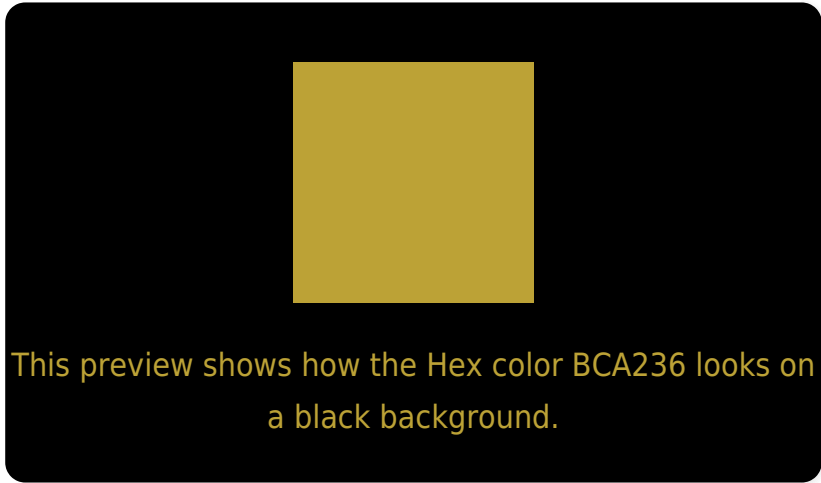
Large Text (above 18pt) WCAG AA × Fail

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 BCA236 Background



This preview shows how black text looks on a background with the Hex color BCA236.



This preview shows how white text looks on a background with the Hex color BCA236.

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
BCA236

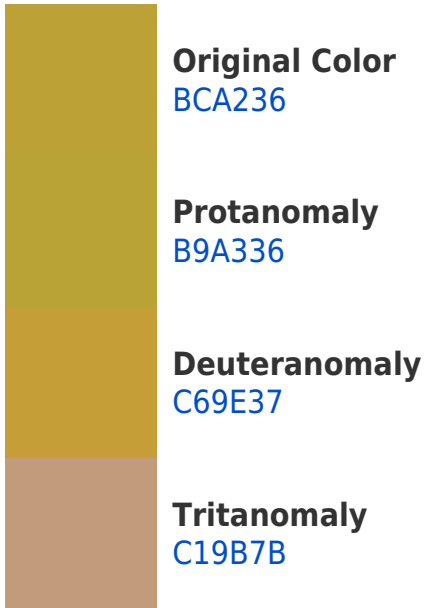
Protanopia
B7A436

Deuteranopia
CC9B38

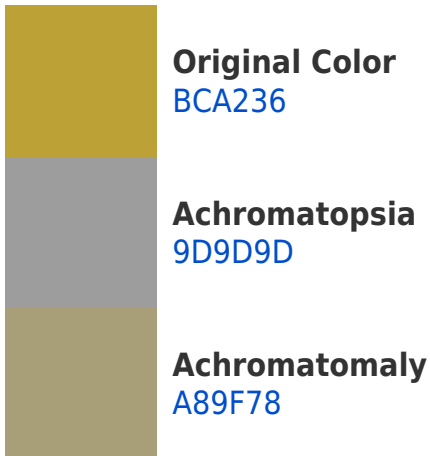


Tritanopia
C497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCA236 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 #BCA236 looks like.

```
.text, #text, p{  
    color:#BCA236  
}
```

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 #BCA236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA236
}
```

Border

The CSS property to change the border of an element to Hex BCA236 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
#BCA236 }
```

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

```
.border{ border-color:#BCA236 }
```

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

Here you see how a box with a 4 pixel #BCA236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA236; -webkit-box-shadow:4px 4px  
4px 4px #BCA236; box-shadow:4px 4px 4px  
4px #BCA236 }
```

Background

The CSS property to change the background color of an element to Hex BCA236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA236 }
```

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

```
.background{ background-color:#BCA236 }
```

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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