

# Converting Colors

Hex(BCAE46)

Have a look what the booklet for  
Hex(BCAE46) contains.

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# **Color**

**Hex(BCAE46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCAE46
RGB	188, 174, 70
RGB Percent	74%, 68%, 27%
CMY	0.2627, 0.3176, 0.7255
CMYK	0.00, 0.07, 0.63, 0.26
HSL	53°, 47%, 51%
HSV	53°, 63%, 74%
XYZ	36.9806, 41.4057, 11.8374
YIQ	166.3300, 41.7280, -29.3760

# Conversions

## Conversions Part 2

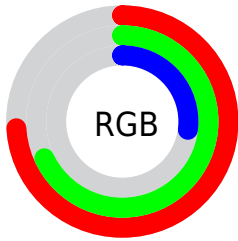
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 188, 70
Decimal	12365382
CIE <sub>Lab</sub>	70.46, -7.65, 53.61
CIE <sub>LCh</sub>	70, 54.157, 98.121
Yxy	41.4057, 0.4099, 0.4589
Android (android.graphics.Color)	4290555462 (0xFFBCAE46)
YUV	166.3300, -47.4907, 19.0046
Hunter-Lab	64.3472, -10.0231, 34.1360

# Details

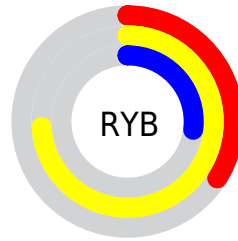
The Hex color **BCAE46** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4654BC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F7E57B**, and **847A0B** is the 20% darker color. If you saturate the color by 10%, you get **BCAC33**, and if you desaturate by 10%, it is **BCB059**.

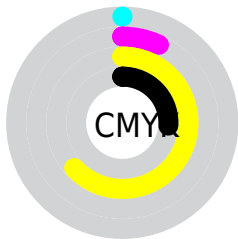
# Distribution



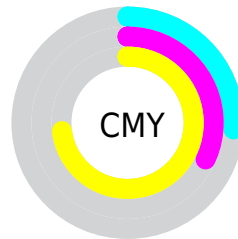
- Red (74%)
- Green (68%)
- Blue (27%)



- Red (34%)
- Yellow (74%)
- Blue (27%)



- Cyan (0%)
- Magenta (7%)
- Yellow (63%)
- Black (26%)



- Cyan (26%)
- Magenta (32%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCAE46 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 BCAE46 by changing the saturation by 10% instead.



 BCAE46

 BCAE46

FFFFFF

 A0942B

 F7E57B

 847A0B

 FFFF96

 686100

 FFFFFB1

 4F4A00

 FFFFFCD

 343300

 FFFFEEA

 1C1F00

 000300

 000000

 BCAE46

 BCAE46

■ BCAC33

■ BCB059

■ BCAA20

■ BCB26C

■ BCA70E

■ BCB57E

■ BCA600

■ BCB791

■ BCB9A4

■ BCBBB7

■ BCBECA

■ BCC0DC

■ BCC2EF

# Harmonies

## Analogous

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



E69D50



BCAE46



87BB5B

# Triad

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



BCAE46



00C3E8



F388D2

# Complementary

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



BCAE46



4654BC

# 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.



C19AFA



BCAE46



00BBFF

# Square

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



BCAE46



00C5B9



6DADFF



FF82A1

# Rectangle

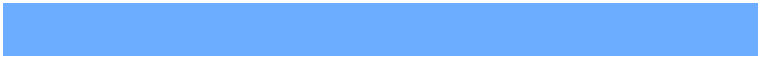
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCAE46



5BC076



6DADFF



E68DE1

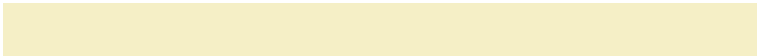


# Sweetspot

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



BCAE46



F5EFC6



BC4656



7A775E



FAFAFA



7A7A7A



# Same Dimension

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



BCAE46



F5DF3D



91BC46



5E5D55



9E8B00



1F1B00



# Inverse Universe

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



4654BC



3D53F5



7146BC



55565E



00139E



00041F



# Previews

## White Background



This preview shows how the Hex color `BCAE46` looks on a white background.

## Color Contrast Check

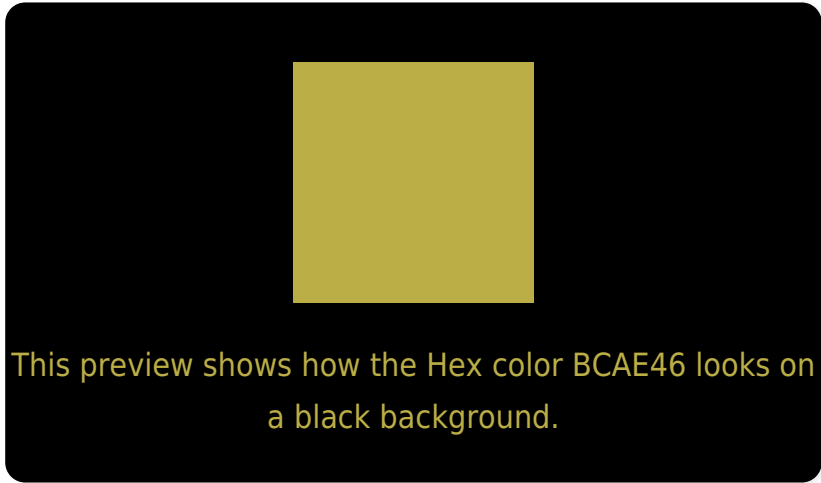
Large Text (above 18pt) WCAG AA × Fail

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 BCAE46 Background



This preview shows how black text looks on a background with the Hex color BCAE46.

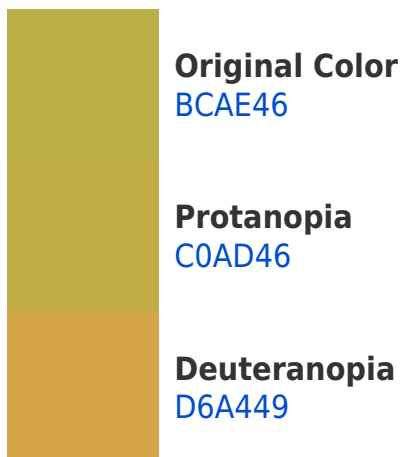


This preview shows how white text looks on a background with the Hex color BCAE46.

# 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](#).

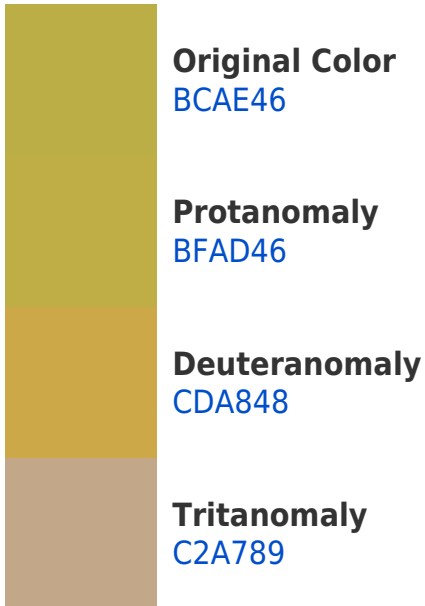
## Dichromacy



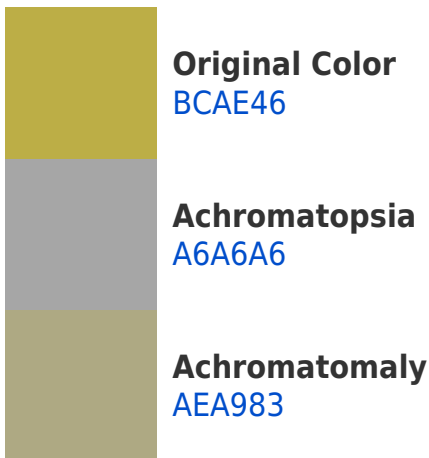


**Tritanopia**  
C5A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCAE46 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 #BCAE46 looks like.

```
.text, #text, p{  
    color:#BCAE46  
}
```

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 #BCAE46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCAE46
}
```

## Border

The CSS property to change the border of an element to Hex BC AE 46 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
#BCAE46 }
```

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

```
.border{ border-color:#BCAE46 }
```

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

Here you see how a box with a 4 pixel #BCAE46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCAE46; -webkit-box-shadow:4px 4px  
4px 4px #BCAE46; box-shadow:4px 4px 4px  
4px #BCAE46 }
```

# Background

The CSS property to change the background color of an element to Hex BC AE 46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCAE46 }
```

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

```
.background{ background-color:#BCAE46 }
```

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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