

Converting Colors

Hex(BAC34E)

Have a look what the booklet for
Hex(BAC34E) contains.

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Color

Hex(BAC34E)

Conversions

Conversions Part 1

Format	Color
Hex	BAC34E
RGB	186, 195, 78
RGB Percent	73%, 76%, 31%
CMY	0.2706, 0.2353, 0.6941
CMYK	0.05, 0.00, 0.60, 0.24
HSL	65°, 49%, 54%
HSV	65°, 60%, 76%
XYZ	41.1400, 50.0194, 14.6941
YIQ	178.9710, 32.1930, -38.2950

Conversions

Conversions Part 2

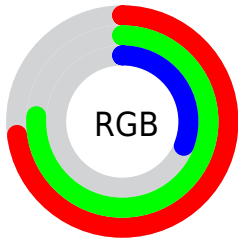
Format	Color
RYB	78, 195, 87
Decimal	12239694
CIELab	76.08, -18.68, 56.17
CIELCh	76, 59.199, 108.395
Yxy	50.0194, 0.3887, 0.4725
Android (android.graphics.Color)	4290429774 (0xFFBAC34E)
YUV	178.9710, -49.7787, 6.1644
Hunter-Lab	70.7244, -19.9353, 37.1886

Details

The Hex color **BAC34E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **574EC3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F4FB84**, and **828D14** is the 20% darker color. If you saturate the color by 10%, you get **B9C33B**, and if you desaturate by 10%, it is **BBC362**.

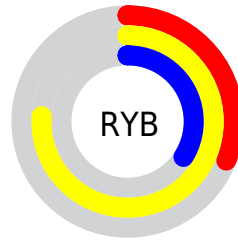
Distribution



Red (73%)

Green (76%)

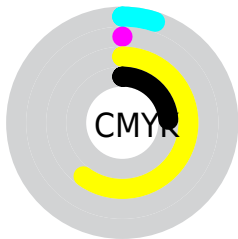
Blue (31%)



Red (31%)

Yellow (76%)

Blue (34%)

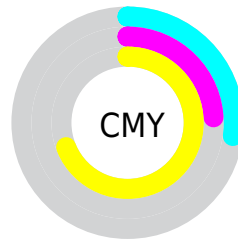


Cyan (5%)

Magenta (0%)

Yellow (60%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAC34E 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 BAC34E by changing the saturation by 10% instead.

 BAC34E

 BAC34E

FFFFFF

 9EA833

 F4FB84

 828D14

 FFFF9F

 677400

 FFFFBB

 4D5B00

 FFFF77

 334400

 FFFF44

 192E00

 001B00

 000000

 BAC34E

 BAC34E

 B9C33B

 BBC362

 B7C327

 BDC375

 B6C313

 BEC388

 B4C300

 C0C39C

 C2C3B0

 C3C3C3

 C4C3D7

 C6C3EA

 C7C3FE

Harmonies

Analogous

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



EDB14D



BAC34E



7ACF70

Triad

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



BAC34E



00D3FF



FF8FD3

Complementary

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



BAC34E



574EC3

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.



EAA0FF



BAC34E



00C8FF

Square

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



BAC34E



00D7DC



9BB6FF



FF8E9C

Rectangle

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



BAC34E



39D491



9BB6FF



FF93E5

Sweetspot

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



BAC34E



F9FCCF



C3564E



7D8063



000000



808080

Same Dimension

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



BAC34E



EEFC47



81C34E



606157



94A100



1F2100

Inverse Universe

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



574EC3



5547FC



904EC3



585761



0C00A1



030021

Previews

White Background



This preview shows how the Hex color BAC34E looks on a white background.

Color Contrast Check

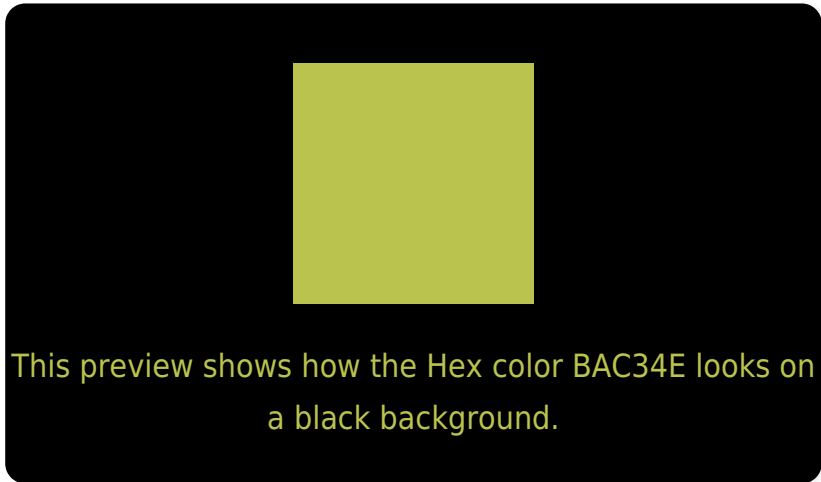
Large Text (above 18pt) WCAG AA × Fail

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 BAC34E Background



This preview shows how black text looks on a background with the Hex color BAC34E.

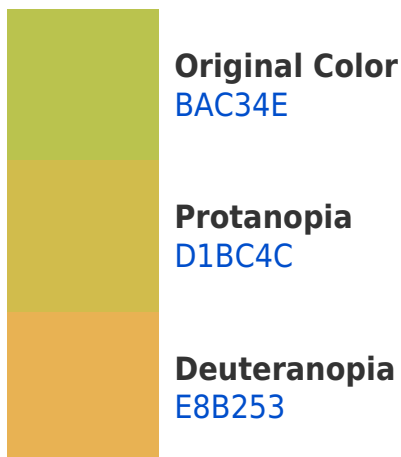


This preview shows how white text looks on a background with the Hex color BAC34E.

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](#).

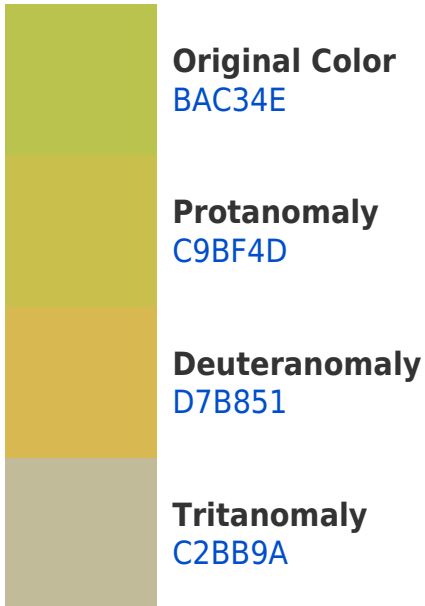
Dichromacy



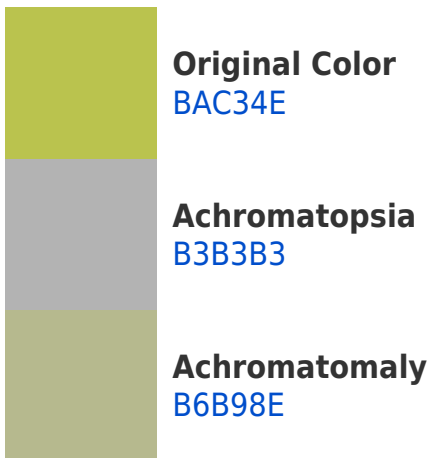


Tritanopia
C6B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAC34E 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 #BAC34E looks like.

```
.text, #text, p{  
    color:#BAC34E  
}
```

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 #BAC34E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC34E
}
```

Border

The CSS property to change the border of an element to Hex BAC34E 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
#BAC34E }
```

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

```
.border{ border-color:#BAC34E }
```

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

Here you see how a box with a 4 pixel #BAC34E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC34E; -webkit-box-shadow:4px 4px  
4px 4px #BAC34E; box-shadow:4px 4px 4px  
4px #BAC34E }
```

Background

The CSS property to change the background color of an element to Hex BAC34E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC34E }
```

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

```
.background{ background-color:#BAC34E }
```

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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