

Converting Colors

Hex(BAC42E)

Have a look what the booklet for
Hex(BAC42E) contains.

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Color

Hex(BAC42E)

Conversions

Conversions Part 1

Format	Color
Hex	BAC42E
RGB	186, 196, 46
RGB Percent	73%, 77%, 18%
CMY	0.2706, 0.2314, 0.8196
CMYK	0.05, 0.00, 0.77, 0.23
HSL	64°, 62%, 47%
HSV	64°, 77%, 77%
XYZ	40.4828, 50.1162, 10.1245
YIQ	175.9100, 42.1900, -48.7700

Conversions

Conversions Part 2

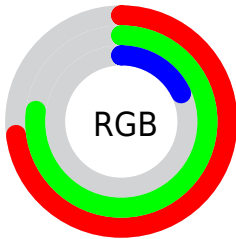
Format	Color
RYB	46, 196, 56
Decimal	12239918
CIELab	76.14, -20.96, 68.25
CIElCh	76, 71.401, 107.072
Yxy	50.1162, 0.4019, 0.4976
Android (android.graphics.Color)	4290429998 (0xFFBAC42E)
YUV	175.9100, -64.0456, 8.8489
Hunter-Lab	70.7928, -21.8124, 41.0756

Details

The Hex color **BAC42E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **382EC4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F5FC68**, and **818E00** is the 20% darker color. If you saturate the color by 10%, you get **B9C41A**, and if you desaturate by 10%, it is **BBC442**.

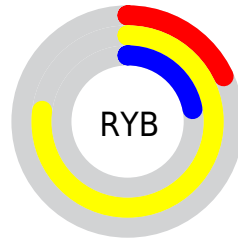
Distribution



Red (73%)

Green (77%)

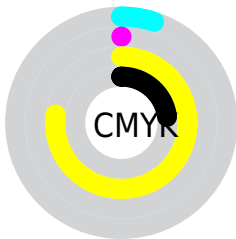
Blue (18%)



Red (18%)

Yellow (77%)

Blue (22%)

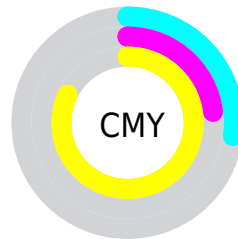


Cyan (5%)

Magenta (0%)

Yellow (77%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAC42E 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 BAC42E by changing the saturation by 10% instead.

 BAC42E

 BAC42E

FFFFFF

 9DA900

 F5FC68

 818E00

 FFFF84

 657500

 FFFFA0

 4A5C00

 FFFFBD

 2F4500

 FFFFDA

 152F00

 FFFFF7

 001C00

 000000

 BAC42E

 BAC42E

 B9C41A

 BBC442

 B7C407

 BDC455

 B7C400

 BEC469

 BFC47C

 C1C490

 C2C4A4

 C3C4B7

 C4C4CB

 C6C4DE

Harmonies

Analogous

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



F6AE30



BAC42E



6CD25C

Triad

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



BAC42E



00D7FF



FF81DB

Complementary

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



BAC42E



382EC4

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.



EF9AFF



BAC42E



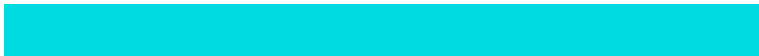
00CBFF

Square

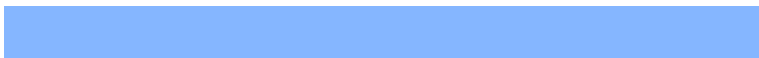
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BAC42E



00DBE1



85B6FF



FF7F99

Rectangle

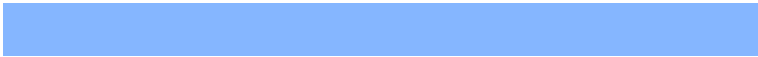
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BAC42E



00D886



85B6FF



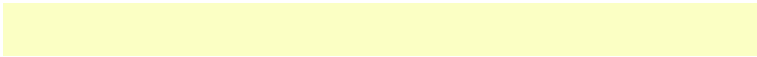
FF88F1

Sweetspot

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



BAC42E



FBFFC4



C4382E



7D805C



000000



808080

Same Dimension

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



BAC42E



FFFF14



6FC42E



606157



96A100



1F2100

Inverse Universe

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



382EC4



2414FF



832EC4



585761



0B00A1



020021

Previews

White Background



This preview shows how the Hex color BAC42E looks on a white background.

Color Contrast Check

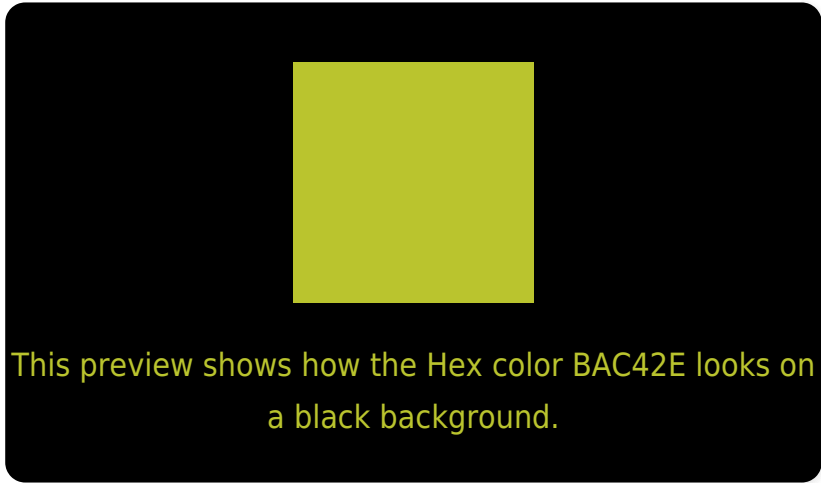
Large Text (above 18pt) WCAG AA × Fail

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 BAC42E Background



This preview shows how black text looks on a background with the Hex color BAC42E.

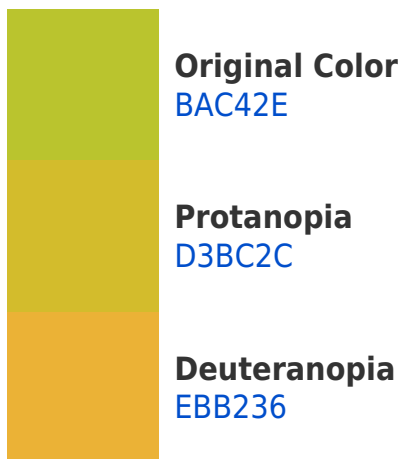


This preview shows how white text looks on a background with the Hex color BAC42E.

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](#).

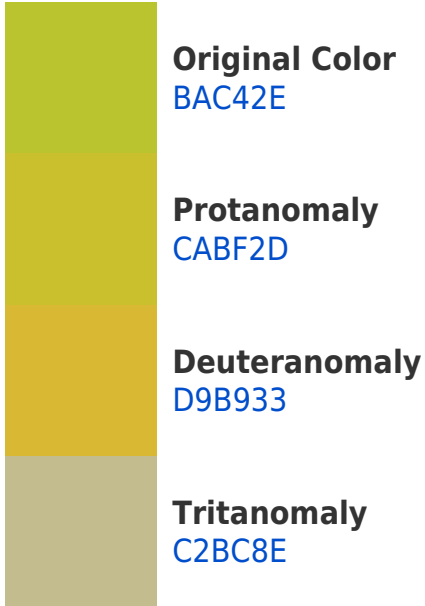
Dichromacy



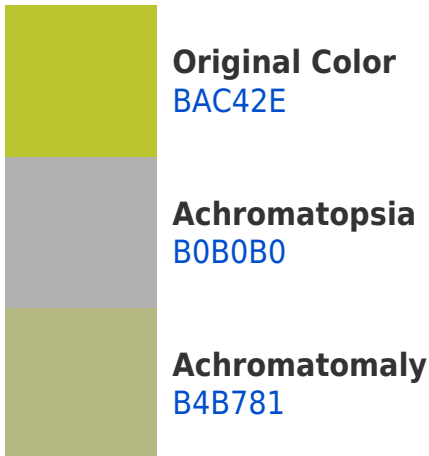


Tritanopia
C7B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAC42E 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 #BAC42E looks like.

```
.text, #text, p{  
    color:#BAC42E  
}
```

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 #BAC42E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC42E
}
```

Border

The CSS property to change the border of an element to Hex BAC42E 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
#BAC42E }
```

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

```
.border{ border-color:#BAC42E }
```

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

Here you see how a box with a 4 pixel #BAC42E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC42E; -webkit-box-shadow:4px 4px  
4px 4px #BAC42E; box-shadow:4px 4px 4px  
4px #BAC42E }
```

Background

The CSS property to change the background color of an element to Hex BAC42E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC42E }
```

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

```
.background{ background-color:#BAC42E }
```

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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