

Converting Colors

Hex(B3C04E)

Have a look what the booklet for
Hex(B3C04E) contains.

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Color

Hex(B3C04E)

Conversions

Conversions Part 1

Format	Color
Hex	B3C04E
RGB	179, 192, 78
RGB Percent	70%, 75%, 31%
CMY	0.2980, 0.2471, 0.6941
CMYK	0.07, 0.00, 0.59, 0.25
HSL	67°, 48%, 53%
HSV	67°, 59%, 75%
XYZ	38.8152, 47.8330, 14.3946
YIQ	175.1170, 28.8460, -38.2100

Conversions

Conversions Part 2

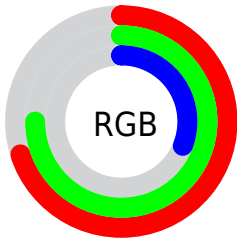
Format	Color
RYB	78, 192, 91
Decimal	11780174
CIELab	74.72, -20.07, 54.53
CIELCh	75, 58.106, 110.211
Yxy	47.8330, 0.3841, 0.4734
Android (android.graphics.Color)	4289970254 (0xFFB3C04E)
YUV	175.1170, -47.8787, 3.4054
Hunter-Lab	69.1614, -20.8537, 36.0729

Details

The Hex color **B3C04E** 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 **5B4EC0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EDF883**, and **7C8B15** is the 20% darker color. If you saturate the color by 10%, you get **B1C03B**, and if you desaturate by 10%, it is **B5C061**.

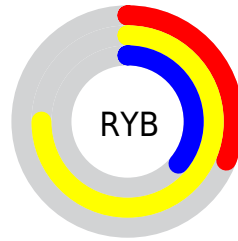
Distribution



Red (70%)

Green (75%)

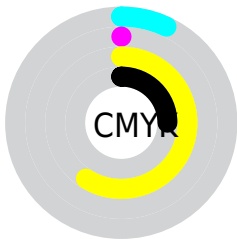
Blue (31%)



Red (31%)

Yellow (75%)

Blue (36%)

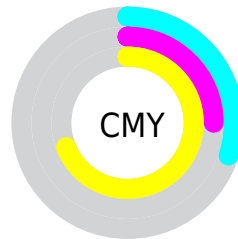


Cyan (7%)

Magenta (0%)

Yellow (59%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C04E 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 B3C04E by changing the saturation by 10% instead.

 B3C04E

 B3C04E

FFFFFF

 97A533

 EDF883

 7C8B15

 FFFF9F

 617100


 FFFFBA

 475900

 FFFFD7

 2D4100

 FFFFF4

 132B00

 001900

 000000

 B3C04E

 B3C04E

 B1C03B

 B5C061

 AFC028

 B7C074

 ACC014

 BAC088

 AAC001

 BCC09B

 AAC000

 BEC0AE

 C0C0C1

 C2C0D4

 C5C0E8

 C7C0FB

Harmonies

Analogous

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



E5AF4B



B3C04E



74CC71

Triad

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



B3C04E



00CEFF



FF8BCC

Complementary

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



B3C04E



5B4EC0

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.



E89BFD



B3C04E



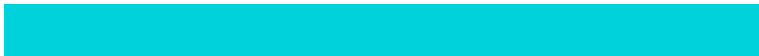
00C3FF

Square

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



B3C04E



00D2DB



9EB1FF



FF8B96

Rectangle

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



B3C04E



2FD092



9EB1FF



FF8FDD

Sweetspot

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



B3C04E



F5FACD



C0594E



7A7D61



FCFCFC



7D7D7D

Same Dimension

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



B3C04E



E6FA48



7CC04E



606157



8EA100



1D2100

Inverse Universe

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



5B4EC0



5D48FA



924EC0



585761



1200A1



040021

Previews

White Background



This preview shows how the Hex color B3C04E looks on a white background.

Color Contrast Check

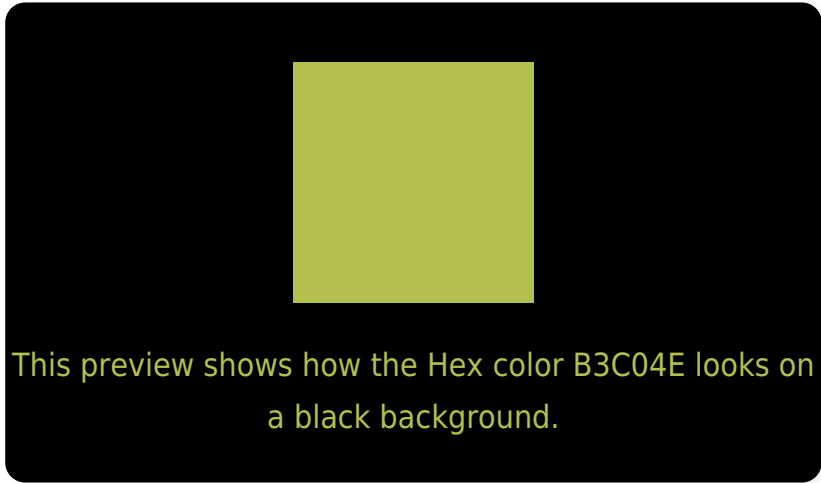
Large Text (above 18pt) WCAG AA × Fail

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 B3C04E Background



This preview shows how black text looks on a background with the Hex color B3C04E.

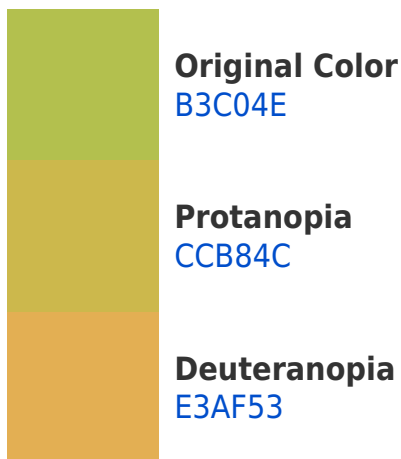


This preview shows how white text looks on a background with the Hex color B3C04E.

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](#).

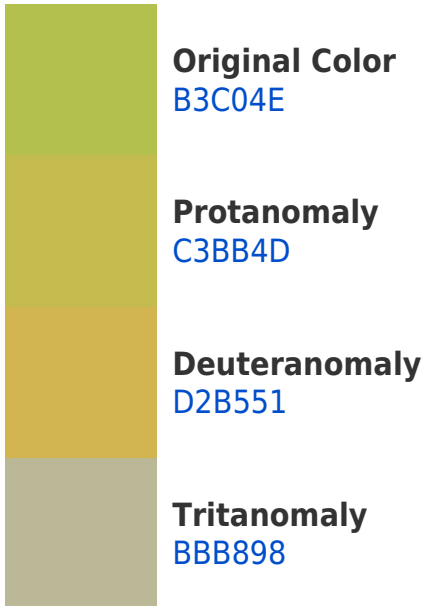
Dichromacy





Tritanopia
BFB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C04E 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 #B3C04E looks like.

```
.text, #text, p{  
    color:#B3C04E  
}
```

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 #B3C04E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C04E
}
```

Border

The CSS property to change the border of an element to Hex B3C04E 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
#B3C04E }
```

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

```
.border{ border-color:#B3C04E }
```

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

Here you see how a box with a 4 pixel #B3C04E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C04E; -webkit-box-shadow:4px 4px  
4px 4px #B3C04E; box-shadow:4px 4px 4px  
4px #B3C04E }
```

Background

The CSS property to change the background color of an element to Hex B3C04E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C04E }
```

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

```
.background{ background-color:#B3C04E }
```

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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