

# Converting Colors

Hex(B2C36E)

Have a look what the booklet for  
Hex(B2C36E) contains.

<b>Hex(B2C36E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B2C36E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C36E
RGB	178, 195, 110
RGB Percent	70%, 76%, 43%
CMY	0.3020, 0.2353, 0.5686
CMYK	0.09, 0.00, 0.44, 0.24
HSL	72°, 41%, 60%
HSV	72°, 44%, 76%
XYZ	40.6897, 49.6210, 22.1851
YIQ	180.2270, 17.1530, -30.0390

# Conversions

## Conversions Part 2

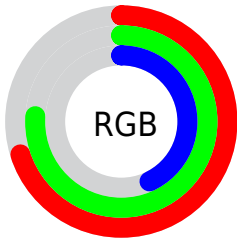
Format	Color
<a href="#">RYB</a>	<a href="#">110, 195, 127</a>
Decimal	<a href="#">11715438</a>
CIELab	<a href="#">75.84, -19.01, 40.65</a>
CIELCh	<a href="#">76, 44.876, 115.062</a>
Yxy	<a href="#">49.6210, 0.3617, 0.4411</a>
Android (android.graphics.Color)	<a href="#">4289905518 (0xFFB2C36E)</a>
YUV	<a href="#">180.2270, -34.6219, -1.9531</a>
Hunter-Lab	<a href="#">70.4422, -20.1664, 30.6367</a>

# Details

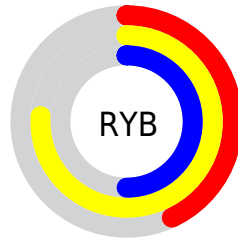
The Hex color **B2C36E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7F6EC3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EBFCA3**, and **7C8D3C** is the 20% darker color. If you saturate the color by 10%, you get **AEC35B**, and if you desaturate by 10%, it is **B6C382**.

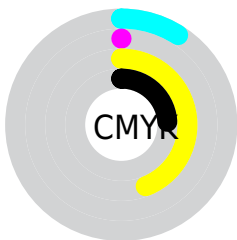
# Distribution



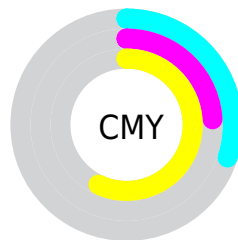
- Red (70%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (50%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C36E 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 B2C36E by changing the saturation by 10% instead.





B2C36E



B2C36E

FFFFFF



97A855



EBFCA3



7C8D3C



FFFFBF



627423



FFFFDB



485B07



FFFFF8



304400



182D00



001B00



000000



B2C36E



B2C36E

 AEC35B

 B6C382

 AAC347

 BAC395

 A6C333

 BEC3A9

 A2C320

 C2C3BC

 9EC30C

 C5C3CF

 9CC300

 C9C3E3

 CDC3F6

 D1C3FF

 D5C3FF

# Harmonies

## Analogous

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



DBB667



B2C36E



81CC8A

# Triad

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



B2C36E



00CBFE



FF9AC4

# Complementary

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



B2C36E



7F6EC3

# 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.



E8A4EB



B2C36E



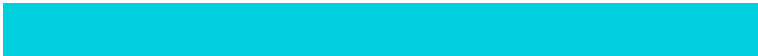
6DC1FF

# Square

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



B2C36E



00D0DD



B5B3FF



FF9C9A

# Rectangle

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



B2C36E



5ACFA4



B5B3FF



FE9CD1

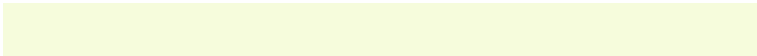


# Sweetspot

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



B2C36E



F6FCDC



C37F6E



7B806B



000000



808080



# Same Dimension

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



B2C36E



E2FC79



87C36E



5F6157



81A100



1B2100



# Inverse Universe

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



7F6EC3



9379FC



AA6EC3



595761



2000A1



070021



# Previews

## White Background



This preview shows how the Hex color B2C36E looks on a white background.

## Color Contrast Check

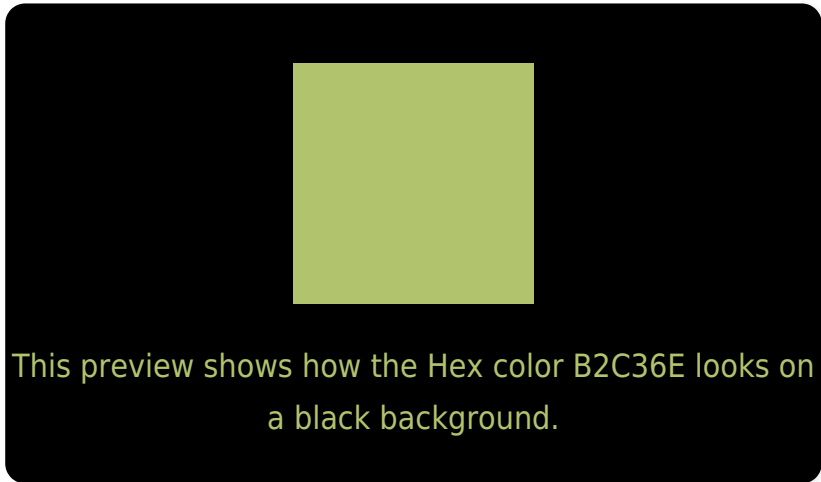
Large Text (above 18pt) WCAG AA × Fail

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

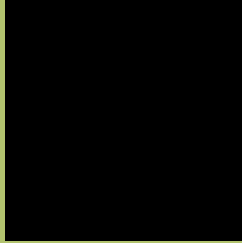
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2C36E Background



This preview shows how black text looks on a background with the Hex color B2C36E.



This preview shows how white text looks on a background with the Hex color B2C36E.

# 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**  
B2C36E

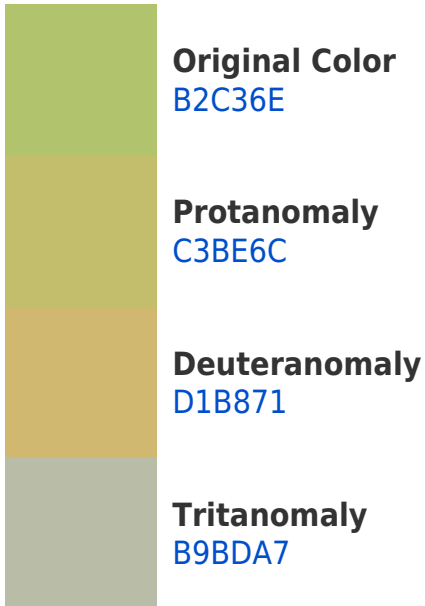
**Protanopia**  
CDBB6B

**Deuteranopia**  
E2B272

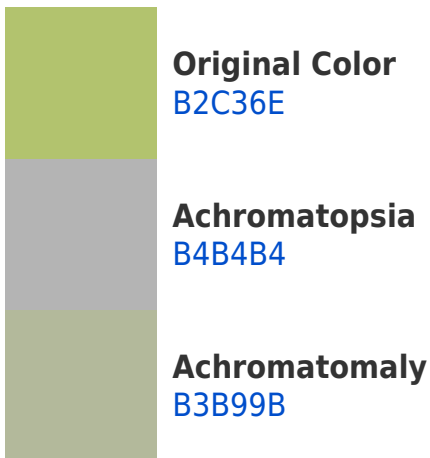


**Tritanopia**  
BDB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C36E 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 #B2C36E looks like.

```
.text, #text, p{  
    color:#B2C36E  
}
```

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 #B2C36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C36E
}
```

## Border

The CSS property to change the border of an element to Hex B2C36E 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
#B2C36E }
```

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

```
.border{ border-color:#B2C36E }
```

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

Here you see how a box with a 4 pixel #B2C36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C36E; -webkit-box-shadow:4px 4px  
4px 4px #B2C36E; box-shadow:4px 4px 4px  
4px #B2C36E }
```

# Background

The CSS property to change the background color of an element to Hex B2C36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C36E }
```

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

```
.background{ background-color:#B2C36E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor