

# Converting Colors

Hex(B1C13E)

Have a look what the booklet for  
Hex(B1C13E) contains.

<b>Hex(B1C13E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B1C13E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C13E
RGB	177, 193, 62
RGB Percent	69%, 76%, 24%
CMY	0.3059, 0.2431, 0.7569
CMYK	0.08, 0.00, 0.68, 0.24
HSL	67°, 51%, 50%
HSV	67°, 68%, 76%
XYZ	38.0709, 47.8348, 11.7839
YIQ	173.2820, 32.5150, -44.1330

# Conversions

## Conversions Part 2

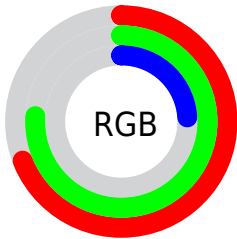
Format	Color
<a href="#">RYB</a>	<a href="#">62, 193, 78</a>
Decimal	<a href="#">11649342</a>
CIELab	<a href="#">74.72, -22.47, 61.10</a>
CIELCh	<a href="#">75, 65.104, 110.187</a>
Yxy	<a href="#">47.8348, 0.3897, 0.4897</a>
Android (android.graphics.Color)	<a href="#">4289839422 (0xFFB1C13E)</a>
YUV	<a href="#">173.2820, -54.8620, 3.2607</a>
Hunter-Lab	<a href="#">69.1627, -22.7787, 38.3121</a>

# Details

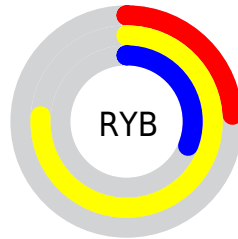
The Hex color **B1C13E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4E3EC1**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **EBF975**, and **798C00** is the 20% darker color. If you saturate the color by 10%, you get **AFC12B**, and if you desaturate by 10%, it is **B3C151**.

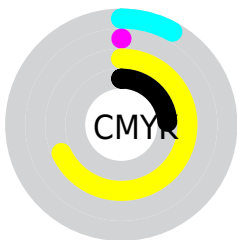
# Distribution



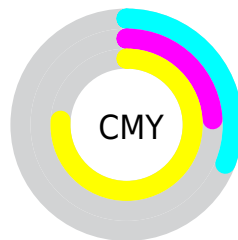
- Red (69%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (68%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C13E 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 B1C13E by changing the saturation by 10% instead.





B1C13E



B1C13E

FFFFFF



95A620



EBF975



798C00



FFFF90



5E7200



FFFFAC



445A00



FFFFC8



294200



FFFFE5



0D2C00



001900



000000



B1C13E



B1C13E

 AFC12B

 B3C151

 ACC117

 B6C165

 AAC104

 B8C178

 A9C100

 BAC18B

 BDC19F

 BFC1B2

 C2C1C5

 C4C1D8

 C6C1EC

# Harmonies

## Analogous

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



E9AE3A



B1C13E



68CD67

# Triad

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



B1C13E



00D0FF



FF84CE

# Complementary

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



B1C13E



4E3EC1

# 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.



EE97FF



B1C13E



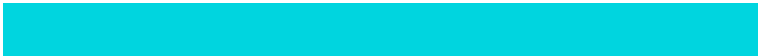
00C4FF

# Square

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



B1C13E



00D5DF



97B0FF



FF8492

# Rectangle

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



B1C13E



00D28D



97B0FF



FF88E2



# Sweetspot

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



B1C13E



F4FAC8



C14D3E



797D5F



FCFCFC



7D7D7D



# Same Dimension

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



B1C13E



E1FA2F



70C13E



606157



8DA100



1D2100



# Inverse Universe

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



4E3EC1



482FFA



8F3EC1



585761



1400A1



040021



# Previews

## White Background



This preview shows how the Hex color B1C13E looks on a white background.

## Color Contrast Check

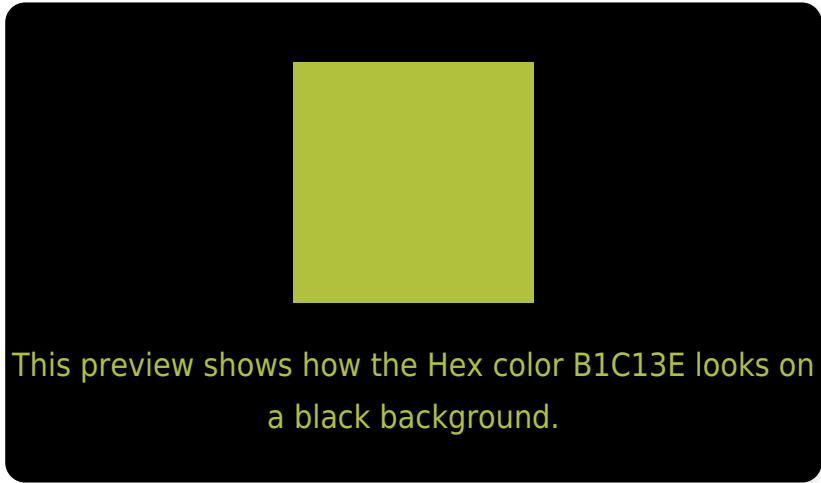
Large Text (above 18pt) WCAG AA × Fail

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 B1C13E Background



This preview shows how black text looks on a background with the Hex color B1C13E.



This preview shows how white text looks on a background with the Hex color B1C13E.

# 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**  
B1C13E

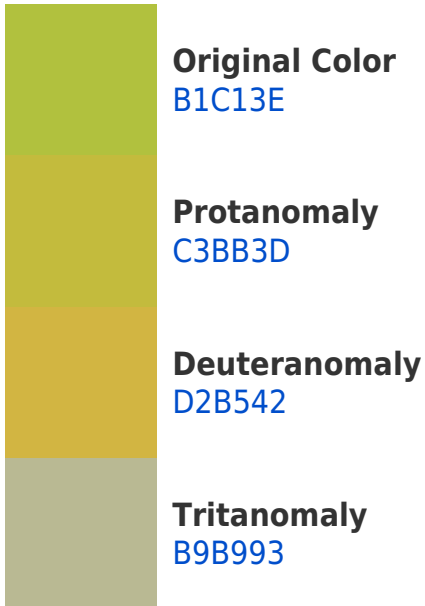
**Protanopia**  
CEB83C

**Deuteranopia**  
E5AE44



**Tritanopia**  
BEB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C13E 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 #B1C13E looks like.

```
.text, #text, p{  
    color:#B1C13E  
}
```

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 #B1C13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C13E
}
```

## Border

The CSS property to change the border of an element to Hex B1C13E 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
#B1C13E }
```

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

```
.border{ border-color:#B1C13E }
```

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

Here you see how a box with a 4 pixel #B1C13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C13E; -webkit-box-shadow:4px 4px  
4px 4px #B1C13E; box-shadow:4px 4px 4px  
4px #B1C13E }
```

# Background

The CSS property to change the background color of an element to Hex B1C13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C13E }
```

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

```
.background{ background-color:#B1C13E }
```

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