

Converting Colors

Hex(B3E13E)

Have a look what the booklet for
Hex(B3E13E) contains.

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Color

Hex(**B3E13E**)

Conversions

Conversions Part 1

Format	Color
Hex	B3E13E
RGB	179, 225, 62
RGB Percent	70%, 88%, 24%
CMY	0.2980, 0.1176, 0.7569
CMYK	0.20, 0.00, 0.72, 0.12
HSL	77°, 73%, 56%
HSV	77°, 72%, 88%
XYZ	46.3851, 63.7819, 14.4238
YIQ	192.6640, 24.9070, -60.4450

Conversions

Conversions Part 2

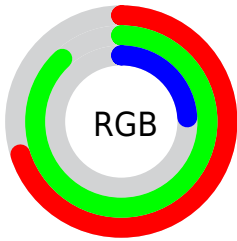
Format	Color
RYB	62, 225, 108
Decimal	11788606
CIELab	83.85, -36.74, 70.21
CIElCh	84, 79.238, 117.625
Yxy	63.7819, 0.3723, 0.5119
Android (android.graphics.Color)	4289978686 (0xFFB3E13E)
YUV	192.6640, -64.4174, -11.9833
Hunter-Lab	79.8636, -36.0877, 45.1964

Details

The Hex color **B3E13E** is a light color, and the websafe version is hex **99CC33**. The color can be described as light washed chartreuse. A complement of this color would be **6C3EE1**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EEFF78**, and **7AAA00** is the 20% darker color. If you saturate the color by 10%, you get **ADE128**, and if you desaturate by 10%, it is **B9E155**.

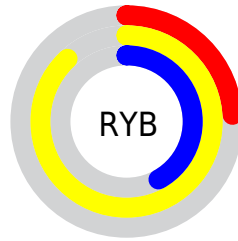
Distribution



Red (70%)

Green (88%)

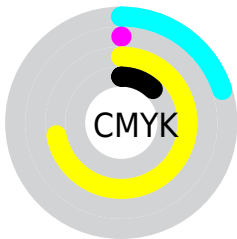
Blue (24%)



Red (24%)

Yellow (88%)

Blue (42%)

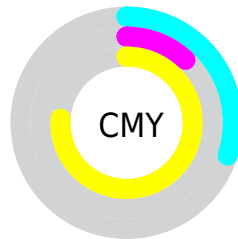


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E13E 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 B3E13E by changing the saturation by 10% instead.

 B3E13E

 B3E13E

FFFFFF

 96C51B

 EEEF78

 7AAA00

 FFFF94

 5E8F00

 FFFF81

 427500

 FFFF6E

 245C00

 FFFF5B

 004400

 002D00

 001600

 000000

 B3E13E

 B3E13E

 ADE128

 B9E155

 A6E111

 C0E16B

 A2E100

 C6E182

 CCE198

 D3E1AF

 D9E1C5

 DFE1DC

 E6E1F2

 ECE1FF

Harmonies

Analogous

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



FCCB27



B3E13E



42EE7D

Triad

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



B3E13E



00EDFF



FF89DA

Complementary

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



B3E13E



6C3EE1

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.



FF9FFF



B3E13E



00DCFF

Square

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



B3E13E



00F4FF



C6C0FF



FF9290

Rectangle

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



B3E13E



00F3AF



C6C0FF



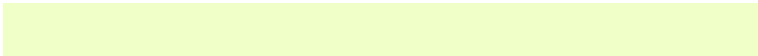
FF8EF3

Sweetspot

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



B3E13E



EFFFC7



E1693E



76805E



000000



808080

Same Dimension

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



B3E13E



C0FF21



64E13E



6D7065



7EB000



233000

Inverse Universe

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



6C3EE1



6021FF



BB3EE1



686570



3200B0



0E0030

Previews

White Background



This preview shows how the Hex color B3E13E looks on a white background.

Color Contrast Check

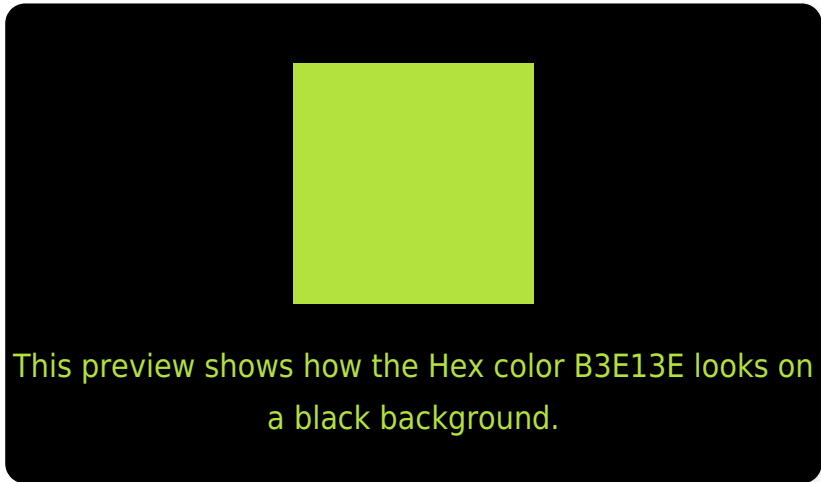
Large Text (above 18pt) WCAG AA × Fail

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 B3E13E Background



This preview shows how black text looks on a background with the Hex color B3E13E.

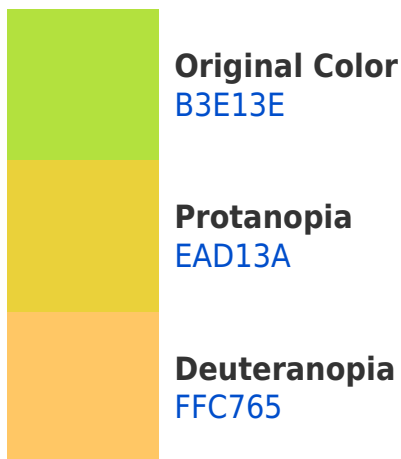


This preview shows how white text looks on a background with the Hex color B3E13E.

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
C5D2E3

Trichromacy



Original Color
B3E13E



Protanomaly
D6D73B



Deuteranomaly
E3D057

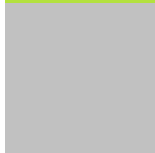


Tritanomaly
BED7A7

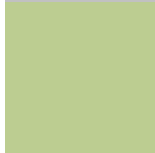
Monochromacy



Original Color
B3E13E



Achromatopsia
C1C1C1



Achromatomaly
BCCD91

CSS Examples

Text

The CSS property to change the color of the text to Hex B3E13E 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 #B3E13E looks like.

```
.text, #text, p{  
    color:#B3E13E  
}
```

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 #B3E13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E13E
}
```

Border

The CSS property to change the border of an element to Hex B3E13E 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
#B3E13E }
```

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

```
.border{ border-color:#B3E13E }
```

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

Here you see how a box with a 4 pixel #B3E13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E13E; -webkit-box-shadow:4px 4px  
4px 4px #B3E13E; box-shadow:4px 4px 4px  
4px #B3E13E }
```

Background

The CSS property to change the background color of an element to Hex B3E13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E13E }
```

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

```
.background{ background-color:#B3E13E }
```

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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