

Converting Colors

Hex(BCE40E)

Have a look what the booklet for
Hex(BCE40E) contains.

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Color

Hex(BCE40E)

Conversions

Conversions Part 1

Format	Color
Hex	BCE40E
RGB	188, 228, 14
RGB Percent	74%, 89%, 5%
CMY	0.2627, 0.1059, 0.9451
CMYK	0.18, 0.00, 0.94, 0.11
HSL	71°, 88%, 47%
HSV	71°, 94%, 89%
XYZ	48.5617, 66.2099, 10.6358
YIQ	191.6440, 44.8540, -75.0340

Conversions

Conversions Part 2

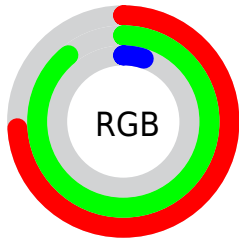
Format	Color
RYB	14, 228, 54
Decimal	12379150
CIELab	85.10, -36.07, 82.21
CIELCh	85, 89.773, 113.691
Yxy	66.2099, 0.3872, 0.5280
Android (android.graphics.Color)	4290569230 (0xFFBCE40E)
YUV	191.6440, -87.5785, -3.1958
Hunter-Lab	81.3695, -35.8668, 49.2088

Details

The Hex color **BCE40E** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **360EE4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F8FF5D**, and **81AC00** is the 20% darker color. If you saturate the color by 10%, you get **B9E400**, and if you desaturate by 10%, it is **C0E425**.

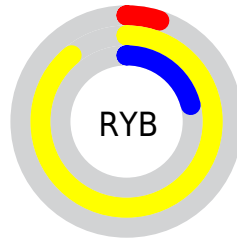
Distribution



Red (74%)

Green (89%)

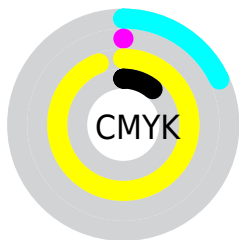
Blue (5%)



Red (5%)

Yellow (89%)

Blue (21%)

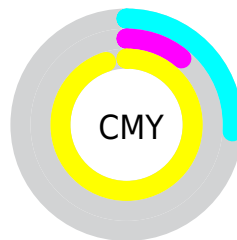


Cyan (18%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCE40E 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 BCE40E by changing the saturation by 10% instead.

 BCE40E

 BCE40E

FFFFFF

 9FC800

 F8FF5D

 81AC00

 FFFF7A

 649200

 FFFF98

 487800

 FFFFB5

 295F00

 FFFFD3

 034700

 FFFFF1

 003000

 001A00

 000000

 BCE40E

 BCE40E

 B9E400

 C0E425

 C5E43C

 C9E452

 CDE469

 D1E480

 D6E497

 DAE4AE

 DEE4C4

 E2E4DB

Harmonies

Analogous

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



FFCA00



BCE40E



3CF369

Triad

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



BCE40E



00F5FF



FF7FEA

Complementary

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



BCE40E



360EE4

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.



FF9EFF



BCE40E



00E4FF

Square

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



BCE40E



00FBFF



AEC6FF



FF8596

Rectangle

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



BCE40E



00F9A2



AEC6FF



FF86FF

Sweetspot

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



BCE40E



F2FFB8



E4350E



778054



000000



808080

Same Dimension

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



BCE40E



CFFF00



52E40E



717367



91B300



293300

Inverse Universe

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



360EE4



3000FF



A00EE4



696773



2100B3



0A0033

Previews

White Background



This preview shows how the Hex color BCE40E 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



This preview shows how the Hex color BCE40E looks on a 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 BCE40E Background



This preview shows how black text looks on a background with the Hex color BCE40E.



This preview shows how white text looks on a background with the Hex color BCE40E.

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

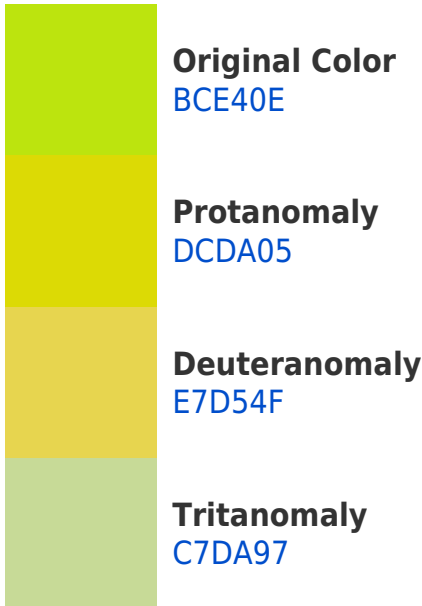


Original Color
BCE40E

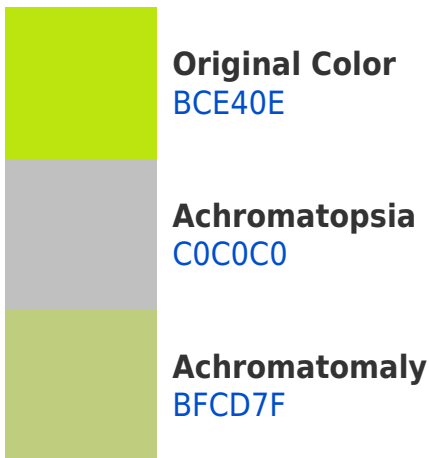
Protanopia
EFD500

Deuteranopia
FFCC74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCE40E 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 #BCE40E looks like.

```
.text, #text, p{  
    color:#BCE40E  
}
```

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 #BCE40E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE40E
}
```

Border

The CSS property to change the border of an element to Hex BCE40E 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
#BCE40E }
```

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

```
.border{ border-color:#BCE40E }
```

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

Here you see how a box with a 4 pixel #BCE40E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE40E; -webkit-box-shadow:4px 4px  
4px 4px #BCE40E; box-shadow:4px 4px 4px  
4px #BCE40E }
```

Background

The CSS property to change the background color of an element to Hex BCE40E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE40E }
```

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

```
.background{ background-color:#BCE40E }
```

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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