

Converting Colors

Hex(BCE40D)

Have a look what the booklet for
Hex(BCE40D) contains.

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Color

Hex(BCE40D)

Conversions

Conversions Part 1

Format	Color
Hex	BCE40D
RGB	188, 228, 13
RGB Percent	74%, 89%, 5%
CMY	0.2627, 0.1059, 0.9490
CMYK	0.18, 0.00, 0.94, 0.11
HSL	71°, 89%, 47%
HSV	71°, 94%, 89%
XYZ	48.5551, 66.2072, 10.6009
YIQ	191.5300, 45.1750, -75.3450

Conversions

Conversions Part 2

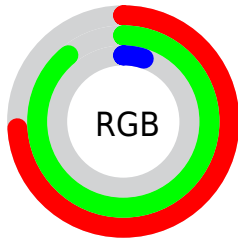
Format	Color
RYB	13, 228, 53
Decimal	12379149
CIELab	85.10, -36.08, 82.31
CIELCh	85, 89.868, 113.673
Yxy	66.2072, 0.3873, 0.5281
Android (android.graphics.Color)	4290569229 (0xFFBCE40D)
YUV	191.5300, -88.0153, -3.0958
Hunter-Lab	81.3678, -35.8764, 49.2329

Details

The Hex color **BCE40D** 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 **350DE4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F8FF5C**, and **81AC00** is the 20% darker color. If you saturate the color by 10%, you get **BAE400**, and if you desaturate by 10%, it is **C0E424**.

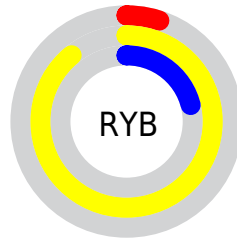
Distribution



Red (74%)

Green (89%)

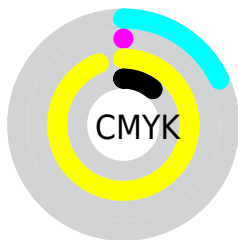
Blue (5%)



Red (5%)

Yellow (89%)

Blue (21%)

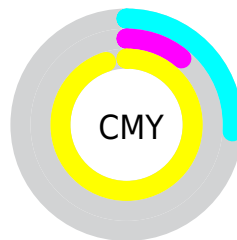


Cyan (18%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCE40D 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 BCE40D by changing the saturation by 10% instead.

 BCE40D

 BCE40D

FFFFFF

 9FC800

 F8FF5C

 81AC00

 FFFF7A

 649200

 FFFF98

 487800

 FFFFB5

 295F00

 FFFFFD3

 034700

 FFFFF1

 003000

 001A00

 000000

 BCE40D

 BCE40D

 BAE400

 C0E424

 C4E43B

 C9E451

 CDE468

 D1E47F

 D5E496

 DAE4AD

 DEE4C3

 E2E4DA

Harmonies

Analogous

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



FFCA00



BCE40D



3BF369

Triad

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



BCE40D



00F5FF



FF7FEA

Complementary

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



BCE40D



350DE4

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



BCE40D



00E4FF

Square

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



BCE40D



00FCFF



AEC6FF



FF8496

Rectangle

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



BCE40D



00F9A2



AEC6FF



FF86FF

Sweetspot

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



BCE40D



F2FFB8



E4340D



778054



000000



808080

Same Dimension

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



BCE40D



D0FF00



51E40D



717367



91B300



2A3300

Inverse Universe

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



350DE4



2F00FF



A00DE4



696773



2100B3



090033

Previews

White Background



This preview shows how the Hex color BCE40D looks on a white background.

Color Contrast Check

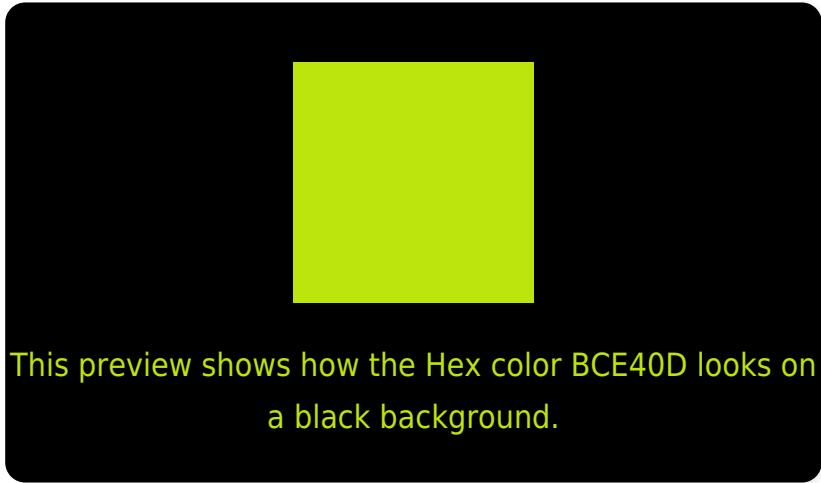
Large Text (above 18pt) WCAG AA × Fail

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 BCE40D Background



This preview shows how black text looks on a background with the Hex color BCE40D.



This preview shows how white text looks on a background with the Hex color BCE40D.

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

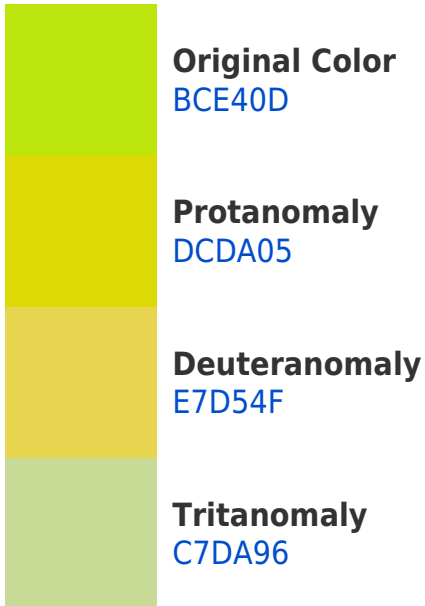


Original Color
BCE40D

Protanopia
EFD500

Deuteranopia
FFCC74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCE40D 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 #BCE40D looks like.

```
.text, #text, p{  
    color:#BCE40D  
}
```

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 #BCE40D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE40D
}
```

Border

The CSS property to change the border of an element to Hex BCE40D 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
#BCE40D }
```

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

```
.border{ border-color:#BCE40D }
```

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

Here you see how a box with a 4 pixel #BCE40D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE40D; -webkit-box-shadow:4px 4px  
4px 4px #BCE40D; box-shadow:4px 4px 4px  
4px #BCE40D }
```

Background

The CSS property to change the background color of an element to Hex BCE40D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE40D }
```

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

```
.background{ background-color:#BCE40D }
```

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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