

Converting Colors

Hex(BCE63C)

Have a look what the booklet for
Hex(BCE63C) contains.

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Color

Hex(BCE63C)

Conversions

Conversions Part 1

Format	Color
Hex	BCE63C
RGB	188, 230, 60
RGB Percent	74%, 90%, 24%
CMY	0.2627, 0.0980, 0.7647
CMYK	0.18, 0.00, 0.74, 0.10
HSL	75°, 77%, 57%
HSV	75°, 74%, 90%
XYZ	49.8515, 67.6112, 14.6978
YIQ	198.0620, 29.5380, -61.7740

Conversions

Conversions Part 2

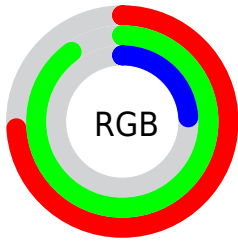
Format	Color
RYB	60, 230, 102
Decimal	12379708
CIELab	85.81, -35.62, 72.94
CIELCh	86, 81.173, 116.025
Yxy	67.6112, 0.3772, 0.5116
Android (android.graphics.Color)	4290569788 (0xFFBCE63C)
YUV	198.0620, -68.0646, -8.8244
Hunter-Lab	82.2261, -35.6758, 46.9602

Details

The Hex color **BCE63C** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **663CE6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F7FF77**, and **82AE00** is the 20% darker color. If you saturate the color by 10%, you get **B6E625**, and if you desaturate by 10%, it is **C2E653**.

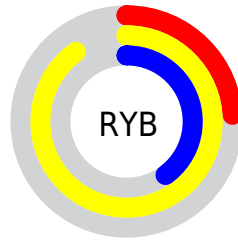
Distribution



Red (74%)

Green (90%)

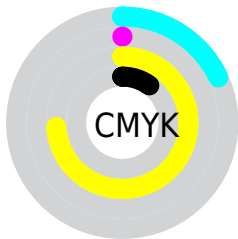
Blue (24%)



Red (24%)

Yellow (90%)

Blue (40%)

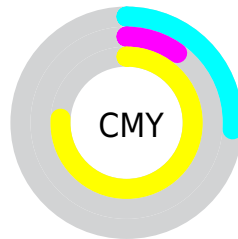


Cyan (18%)

Magenta (0%)

Yellow (74%)

Black (10%)



Cyan (26%)

Magenta (10%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCE63C 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 BCE63C by changing the saturation by 10% instead.

 BCE63C

 BCE63C

FFFFFF

 9FCA16

 F7FF77

 82AE00

 FFFF93

 669400


 FFFFB0

 4A7A00

 FFFFCD

 2D6100

 FFFFEB

 084800

 003100

 001D00

 000000

 BCE63C

 BCE63C

 B6E625

 C2E653

 B1E60E

 C7E66A

 ADE600

 CDE681

 D3E698

 D8E6AF

 DEE6C6

 E4E6DD

 E9E6F4

 EFE6FF

Harmonies

Analogous

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



FFCF28



BCE63C



4DF47C

Triad

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



BCE63C



00F3FF



FF8DE4

Complementary

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



BCE63C



663CE6

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.



FFA5FF



BCE63C



00E3FF

Square

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



BCE63C



00FBFF



C4C7FF



FF9498

Rectangle

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



BCE63C



00F9AF



C4C7FF



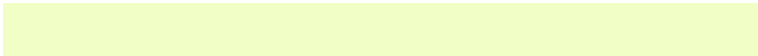
FF92FE

Sweetspot

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



BCE63C



F1FFC7



E6643C



77805E



000000



808080

Same Dimension

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



BCE63C



C7FF1C



69E63C



707367



86B300



263300

Inverse Universe

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



663CE6



541CFF



B93CE6



6A6773



2C00B3



0D0033

Previews

White Background



This preview shows how the Hex color BCE63C looks on a white background.

Color Contrast Check

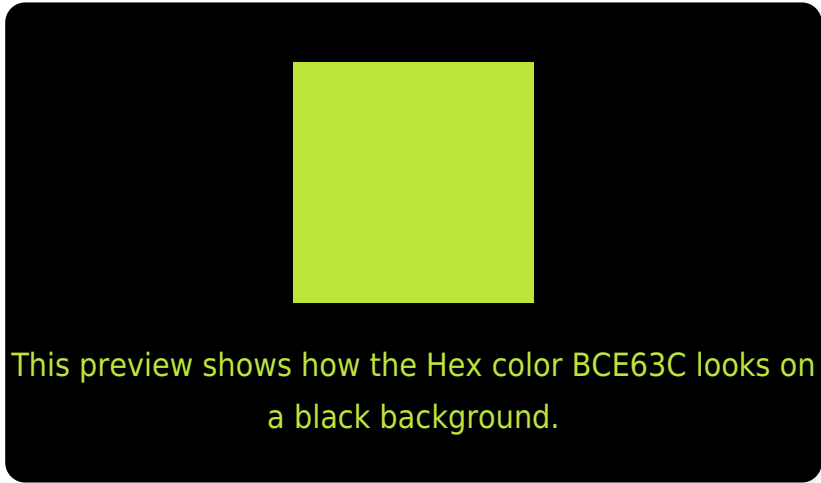
Large Text (above 18pt) WCAG AA × Fail

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 BCE63C Background



This preview shows how black text looks on a background with the Hex color BCE63C.

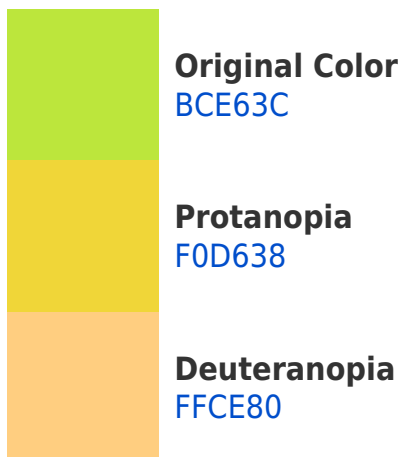


This preview shows how white text looks on a background with the Hex color BCE63C.

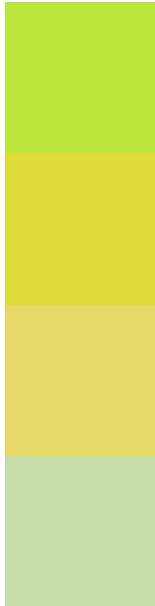
Color Blindness Simulation

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



Trichromacy



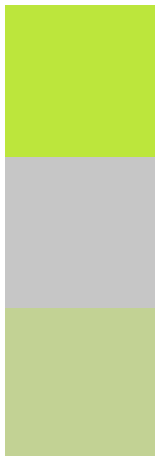
Original Color
BCE63C

Protanomaly
DDDC39

Deuteranomaly
E7D767

Tritanomaly
C7DCA9

Monochromacy



Original Color
BCE63C

Achromatopsia
C6C6C6

Achromatomaly
C2D294

CSS Examples

Text

The CSS property to change the color of the text to Hex BCE63C 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 #BCE63C looks like.

```
.text, #text, p{  
    color:#BCE63C  
}
```

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 #BCE63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE63C
}
```

Border

The CSS property to change the border of an element to Hex BCE63C 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
#BCE63C }
```

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

```
.border{ border-color:#BCE63C }
```

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

Here you see how a box with a 4 pixel #BCE63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE63C; -webkit-box-shadow:4px 4px  
4px 4px #BCE63C; box-shadow:4px 4px 4px  
4px #BCE63C }
```

Background

The CSS property to change the background color of an element to Hex BCE63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE63C }
```

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

```
.background{ background-color:#BCE63C }
```

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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