

Converting Colors

Hex(BCEC00)

Have a look what the booklet for
Hex(BCEC00) contains.

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Color

Hex(BCEC00)

Conversions

Conversions Part 1

Format	Color
Hex	BCEC00
RGB	188, 236, 0
RGB Percent	74%, 93%, 0%
CMY	0.2627, 0.0745, 1.0000
CMYK	0.20, 0.00, 1.00, 0.07
HSL	72°, 100%, 46%
HSV	72°, 100%, 93%
XYZ	50.7345, 70.6823, 10.9691
YIQ	194.7440, 47.1480, -83.5720

Conversions

Conversions Part 2

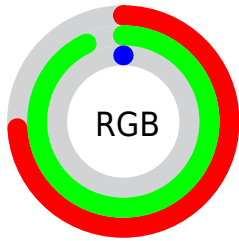
Format	Color
RYB	0, 236, 48
Decimal	12381184
CIELab	87.33, -39.80, 85.10
CIELCh	87, 93.941, 115.064
Yxy	70.6823, 0.3832, 0.5339
Android (android.graphics.Color)	4290571264 (0xFFBCEC00)
YUV	194.7440, -96.0088, -5.9145
Hunter-Lab	84.0727, -39.4098, 51.1153

Details

The Hex color **BCEC00** 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 **3000EC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F8FF5B**, and **81B400** is the 20% darker color. If you saturate the color by 10%, you get **BCEC00**, and if you desaturate by 10%, it is **C1EC18**.

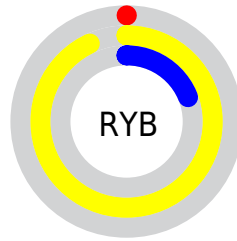
Distribution



Red (74%)

Green (93%)

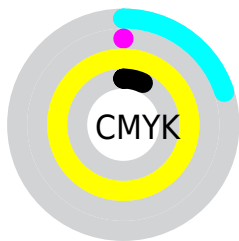
Blue (0%)



Red (0%)

Yellow (93%)

Blue (19%)

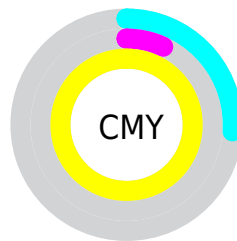


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCEC00 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 BCEC00 by changing the saturation by 10% instead.

 BCEC00

 BCEC00

FFFFFF

 9ED000

 F8FF5B

 81B400

 FFFF79

 649900

 FFFF97

 477F00

 FFFFB4

 276600

 FFFFD2

 004D00

 FFFFF0

 003500

 002100

 000000

 BCEC00

 C1EC18

 C6EC2F

 CAEC47

 CFEC5E

 D4EC76

 D9EC8E

 DEECA5

 E2ECBD

 E7ECD4

Harmonies

Analogous

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



FFD200



BCEC00



20FB6D

Triad

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



BCEC00



00FCFF



FF7EEE

Complementary

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



BCEC00



3000EC

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



BCEC00



00EAFF

Square

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



BCEC00



00FFFF



BACAFF



FF8795

Rectangle

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



BCEC00



00FFAA



BACAFF



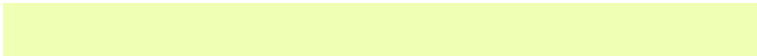
FF86FF

Sweetspot

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



BCEC00



EFFFB3



EC2F00



768052



000000



808080

Same Dimension

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



BCEC00



CBFF00



47EC00



73756A



90B500



2B3600

Inverse Universe

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



3000EC



3400FF



A500EC



6C6A75



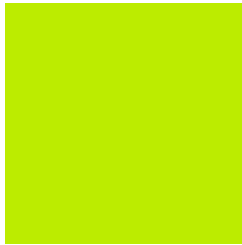
2500B5



0B0036

Previews

White Background



This preview shows how the Hex color BCEC00 looks on a white background.

Color Contrast Check

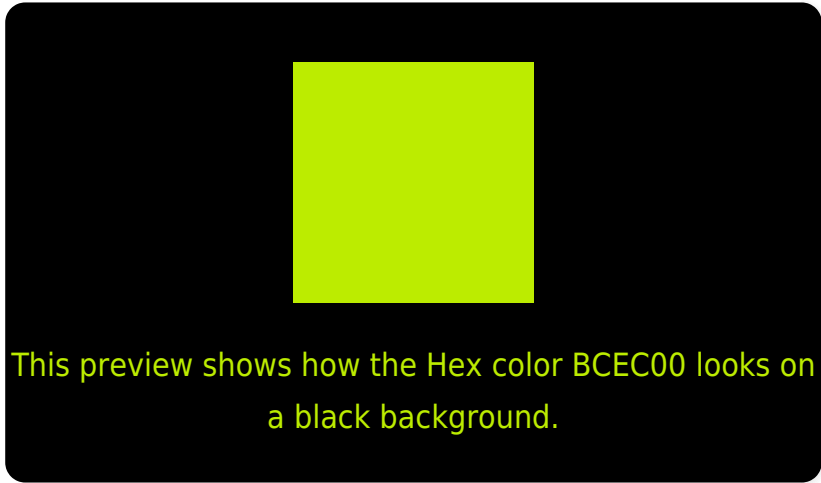
Large Text (above 18pt) WCAG AA × Fail

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 BCEC00 Background



This preview shows how black text looks on a background with the Hex color BCEC00.



This preview shows how white text looks on a background with the Hex color BCEC00.

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
BCEC00

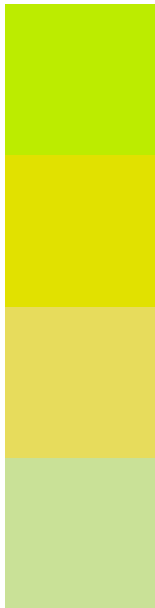
Protanopia
F6DB00

Deuteranopia
FFD390



Tritanopia
D0DBED

Trichromacy



Original Color
BCEC00

Protanomaly
E1E100

Deuteranomaly
E7DC5C

Tritanomaly
C9E197

Monochromacy



Original Color
BCEC00

Achromatopsia
C3C3C3

Achromatomaly
C0D27C

CSS Examples

Text

The CSS property to change the color of the text to Hex BCEC00 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 #BCEC00 looks like.

```
.text, #text, p{  
    color:#BCEC00  
}
```

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 #BCEC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCEC00  
}
```

Border

The CSS property to change the border of an element to Hex BCEC00 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  
#BCEC00 }
```

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

```
.border{ border-color:#BCEC00 }
```

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

Here you see how a box with a 4 pixel #BCEC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCEC00; -webkit-box-shadow:4px 4px  
4px 4px #BCEC00; box-shadow:4px 4px 4px  
4px #BCEC00 }
```

Background

The CSS property to change the background color of an element to Hex BCEC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCEC00 }
```

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

```
.background{ background-color:#BCEC00 }
```

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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