

Converting Colors

Hex(BCEE11)

Have a look what the booklet for
Hex(BCEE11) contains.

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Color

Hex(BCEE11)

Conversions

Conversions Part 1

Format	Color
Hex	BCEE11
RGB	188, 238, 17
RGB Percent	74%, 93%, 7%
CMY	0.2627, 0.0667, 0.9333
CMYK	0.21, 0.00, 0.93, 0.07
HSL	74°, 87%, 50%
HSV	74°, 93%, 93%
XYZ	51.4148, 71.8809, 11.6949
YIQ	197.8560, 41.1410, -79.3310

Conversions

Conversions Part 2

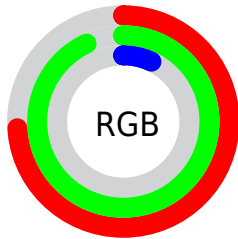
Format	Color
RYB	17, 238, 67
Decimal	12381713
CIELab	87.91, -40.49, 84.09
CIELCh	88, 93.330, 115.714
Yxy	71.8809, 0.3809, 0.5325
Android (android.graphics.Color)	4290571793 (0xFFBCEE11)
YUV	197.8560, -89.1620, -8.6437
Hunter-Lab	84.7826, -40.1217, 51.1694

Details

The Hex color **BCEE11** 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 **4311EE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F8FF5F**, and **81B600** is the 20% darker color. If you saturate the color by 10%, you get **B8EE00**, and if you desaturate by 10%, it is **C1EE29**.

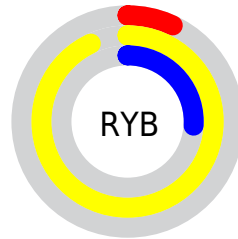
Distribution



Red (74%)

Green (93%)

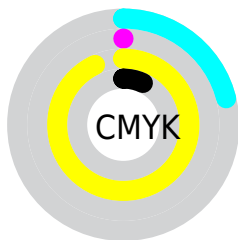
Blue (7%)



Red (7%)

Yellow (93%)

Blue (26%)

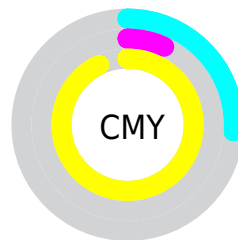


Cyan (21%)

Magenta (0%)

Yellow (93%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCEE11 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 BCEE11 by changing the saturation by 10% instead.

 BCEE11

 BCEE11

FFFFFF

 9ED200

 F8FF5F

 81B600

 FFFF7D

 649B00

 FFFF9B

 478100

 FFFFB9

 266700

 FFFFD6

 004F00

 FFFFF4

 003700

 002300

 000000

 BCEE11

 BCEE11

 B8EE00

 C1EE29

 C7EE41

 CCEE58

 D2EE70

 D7EE88

 DCEEA0

 E2EEB8

 E7EECF

 ECEEE7

Harmonies

Analogous

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



FFD400



BCEE11



1FFD72

Triad

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



BCEE11



00FEFF



FF81ED

Complementary

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



BCEE11



4311EE

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.



FFA0FF



BCEE11



00EBFF

Square

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



BCEE11



00FFFF



C0CAFF



FF8A95

Rectangle

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



BCEE11



00FFAD



C0CAFF



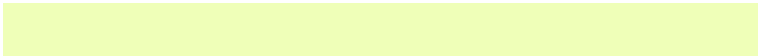
FF88FF

Sweetspot

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



BCEE11



EFFFB8



EE4111



768054



000000



808080

Same Dimension

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



BCEE11



C5FF00



50EE11



75786C



8EB800



2B3800

Inverse Universe

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



4311EE



3A00FF



AF11EE



6F6C78



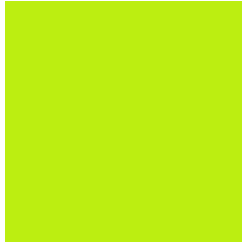
2A00B8



0D0038

Previews

White Background



This preview shows how the Hex color BCEE11 looks on a white background.

Color Contrast Check

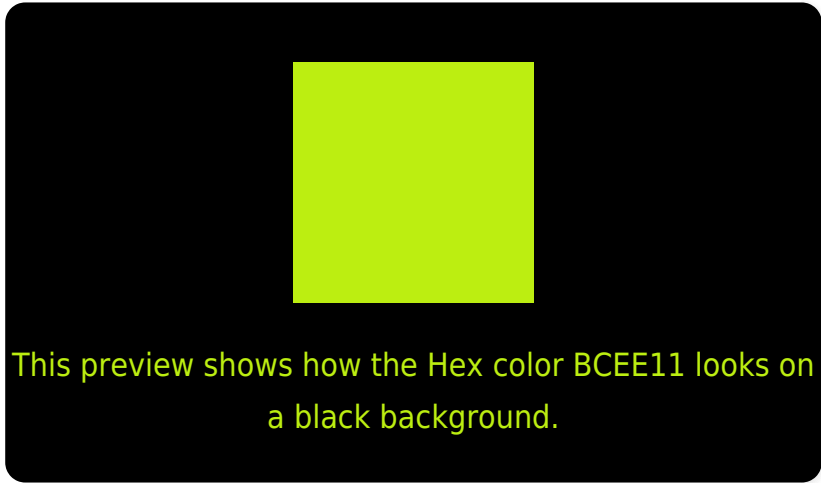
Large Text (above 18pt) WCAG AA × Fail

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 BCEE11 Background



This preview shows how black text looks on a background with the Hex color BCEE11.

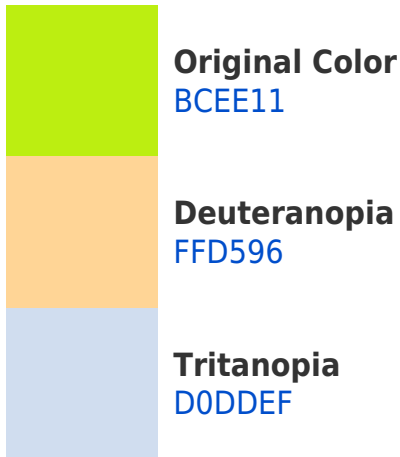


This preview shows how white text looks on a background with the Hex color BCEE11.

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](#).

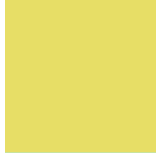
Dichromacy



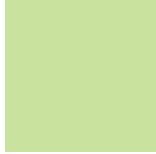
Trichromacy



Original Color
BCEE11



Deuteranomaly
E7DE66

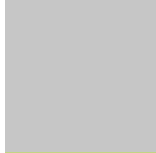


Tritanomaly
C9E39E

Monochromacy



Original Color
BCEE11



Achromatopsia
C6C6C6



Achromatomaly
C2D584

CSS Examples

Text

The CSS property to change the color of the text to Hex BCEE11 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 #BCEE11 looks like.

```
.text, #text, p{  
    color:#BCEE11  
}
```

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 #BCEE11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCEE11
}
```

Border

The CSS property to change the border of an element to Hex BCEE11 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
#BCEE11 }
```

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

```
.border{ border-color:#BCEE11 }
```

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

Here you see how a box with a 4 pixel #BCEE11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCEE11; -webkit-box-shadow:4px 4px  
4px 4px #BCEE11; box-shadow:4px 4px 4px  
4px #BCEE11 }
```

Background

The CSS property to change the background color of an element to Hex BCEE11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCEE11 }
```

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

```
.background{ background-color:#BCEE11 }
```

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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