

Converting Colors

Hex(BCEB21)

Have a look what the booklet for
Hex(BCEB21) contains.

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Color

Hex(**BCEB21**)

Conversions

Conversions Part 1

Format	Color
Hex	BCEB21
RGB	188, 235, 33
RGB Percent	74%, 92%, 13%
CMY	0.2627, 0.0784, 0.8706
CMYK	0.20, 0.00, 0.86, 0.08
HSL	74°, 83%, 53%
HSV	74°, 86%, 92%
XYZ	50.7219, 70.2178, 12.3189
YIQ	197.9190, 36.8300, -72.7860

Conversions

Conversions Part 2

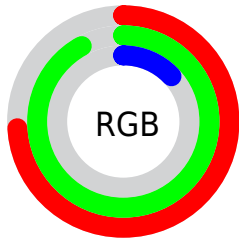
Format	Color
RYB	33, 235, 80
Decimal	12380961
CIELab	87.10, -38.85, 81.03
CIELCh	87, 89.866, 115.615
Yxy	70.2178, 0.3806, 0.5269
Android (android.graphics.Color)	4290571041 (0xFFBCEB21)
YUV	197.9190, -81.3051, -8.6990
Hunter-Lab	83.7961, -38.5969, 49.9410

Details

The Hex color **BCEB21** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **5021EB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F8FF66**, and **81B300** is the 20% darker color. If you saturate the color by 10%, you get **B7EB0A**, and if you desaturate by 10%, it is **C1EB38**.

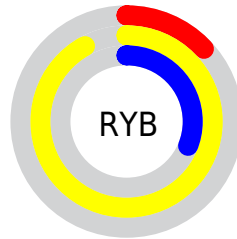
Distribution



Red (74%)

Green (92%)

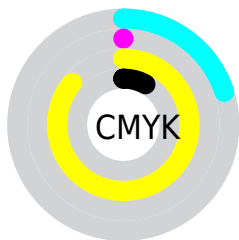
Blue (13%)



Red (13%)

Yellow (92%)

Blue (31%)

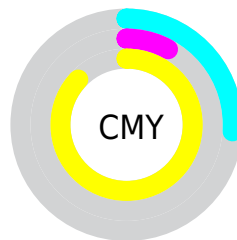


Cyan (20%)

Magenta (0%)

Yellow (86%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCEB21 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 BCEB21 by changing the saturation by 10% instead.

 BCEB21

 BCEB21

FFFFFF

 9FCF00

 F8FF66

 81B300

 FFFF83

 649800

 FFFFA0

 487E00

 FFFFBE

 286500

 FFFFDB

 004C00

 FFFFF9

 003500

 002000

 000000

 BCEB21

 BCEB21

 B7EB0A

 C1EB38

 B4EB00

 C7EB50

 CCEB68

 D2EB7F

 D7EB96

 DDEBAE

 E2EBC6

 E8EBDD

 EDEBF4

Harmonies

Analogous

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



FFD200



BCEB21



32FA73

Triad

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



BCEB21



00FAFF



FF84EA

Complementary

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



BCEB21



5021EB

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.



FFA1FF



BCEB21



00E8FF

Square

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



BCEB21



00FFFF



C0C9FF



FF8C96

Rectangle

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



BCEB21



00FFAD



C0C9FF



FF8BFF

Sweetspot

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



BCEB21



F0FFBD



EB4D21



768058



000000



808080

Same Dimension

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



BCEB21



C4FF00



5AEB21



73756A



8BB500



293600

Inverse Universe

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



5021EB



3B00FF



B221EB



6C6A75



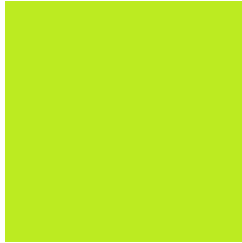
2A00B5



0C0036

Previews

White Background



This preview shows how the Hex color BCEB21 looks on a white background.

Color Contrast Check

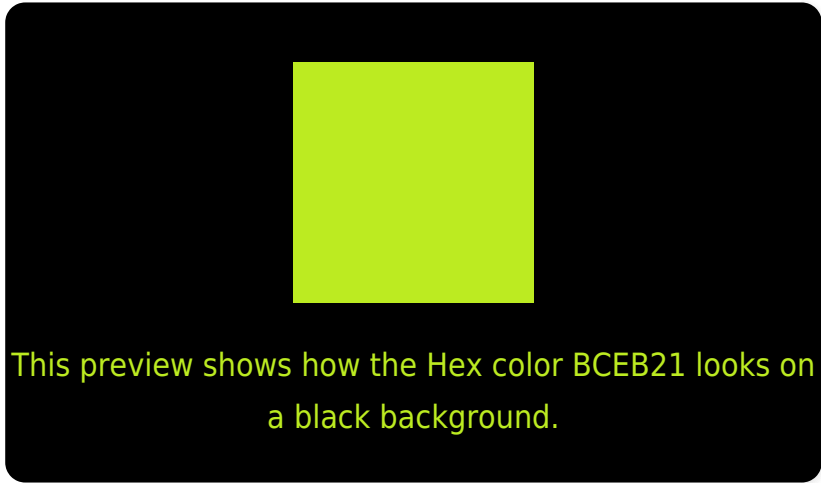
Large Text (above 18pt) WCAG AA × Fail

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 BCEB21 Background



This preview shows how black text looks on a background with the Hex color BCEB21.

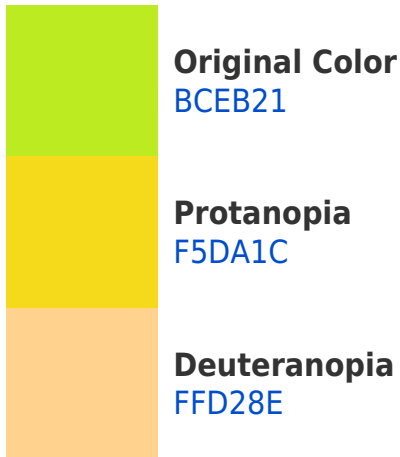


This preview shows how white text looks on a background with the Hex color BCEB21.

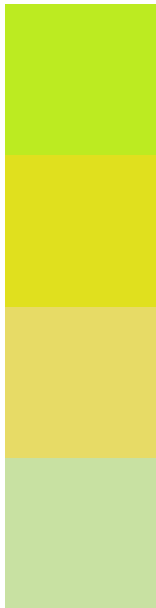
Color Blindness Simulation

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
BCEB21

Protanomaly
E0E01E

Deuteranomaly
E7DB66

Tritanomaly
C8E1A2

Monochromacy



Original Color
BCEB21

Achromatopsia
C6C6C6

Achromatomaly
C2D38A

CSS Examples

Text

The CSS property to change the color of the text to Hex BCEB21 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 #BCEB21 looks like.

```
.text, #text, p{  
    color:#BCEB21  
}
```

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 #BCEB21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCEB21
}
```

Border

The CSS property to change the border of an element to Hex BCEB21 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
#BCEB21 }
```

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

```
.border{ border-color:#BCEB21 }
```

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

Here you see how a box with a 4 pixel #BCEB21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCEB21; -webkit-box-shadow:4px 4px  
4px 4px #BCEB21; box-shadow:4px 4px 4px  
4px #BCEB21 }
```

Background

The CSS property to change the background color of an element to Hex BCEB21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCEB21 }
```

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

```
.background{ background-color:#BCEB21 }
```

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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