

# Converting Colors

Hex(B3EC00)

Have a look what the booklet for  
Hex(B3EC00) contains.

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**Color**

**Hex(B3EC00)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B3EC00                      |
| RGB         | 179, 236, 0                 |
| RGB Percent | 70%, 93%, 0%                |
| CMY         | 0.2980, 0.0745, 1.0000      |
| CMYK        | 0.24, 0.00, 1.00, 0.07      |
| HSL         | 74°, 100%, 46%              |
| HSV         | 74°, 100%, 93%              |
| XYZ         | 48.5859, 69.5746, 10.8685   |
| YIQ         | 192.0530, 41.7840, -85.4800 |

# Conversions

## Conversions Part 2

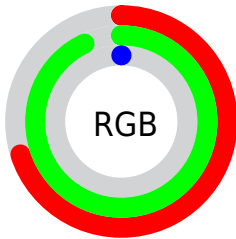
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 236, 57</a>                   |
| Decimal                             | <a href="#">11791360</a>                     |
| CIELab                              | <a href="#">86.79, -43.27, 84.44</a>         |
| CIELCh                              | <a href="#">87, 94.883, 117.128</a>          |
| Yxy                                 | <a href="#">69.5746, 0.3765, 0.5392</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4289981440<br/>(0xFFB3EC00)</a>  |
| YUV                                 | <a href="#">192.0530, -94.6821, -11.4475</a> |
| Hunter-Lab                          | <a href="#">83.4114, -41.9964, 50.6625</a>   |

# Details

The Hex color **B3EC00** 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 **3900EC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EFFF5A**, and **78B400** is the 20% darker color. If you saturate the color by 10%, you get **B3EC00**, and if you desaturate by 10%, it is **B9EC18**.

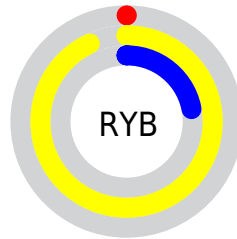
# Distribution



Red (70%)

Green (93%)

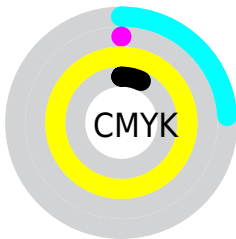
Blue (0%)



Red (0%)

Yellow (93%)

Blue (22%)

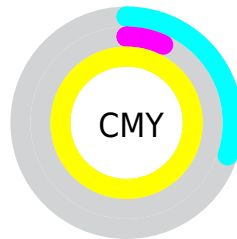


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3EC00 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 B3EC00 by changing the saturation by 10% instead.



 B3EC00

 B3EC00

FFFFFF

 95D000

 EFFF5A

 78B400

 FFFF79

 5A9900

 FFFF97

 3C7F00

 FFFFB4

 186500

 FFFFD2

 004D00

 FFFFF0

 003500

 002000

 000000

 B3EC00

 B9EC18

 BEEC2F

 C4EC47

 CAEC5E

 CFEC76

 D5EC8E

 DBECA5

 E1ECBD

 E6ECD4

# Harmonies

## Analogous

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



FFD200



B3EC00



00FB71

# Triad

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



B3EC00



00FAFF



FF7AE6

# Complementary

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



B3EC00



3900EC

# 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.



FF99FF



B3EC00



00E7FF

# Square

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



B3EC00



00FFFF



C3C5FF



FF868D

# Rectangle

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



B3EC00



00FFAE



C3C5FF



FF80FF

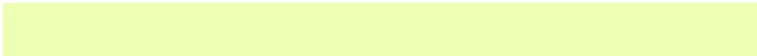


# Sweetspot

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



B3EC00



EDFFB3



EC3700



748052



000000



808080



# Same Dimension

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



B3EC00



C1FF00



3FEC00



72756A



89B500



293600



# Inverse Universe

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



3900EC



3E00FF



AD00EC



6C6A75



2C00B5

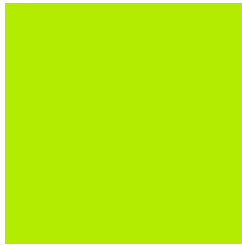


0D0036



# Previews

## White Background



This preview shows how the Hex color B3EC00 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



This preview shows how the Hex color B3EC00 looks on a 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 B3EC00 Background



This preview shows how black text looks on a background with the Hex color B3EC00.

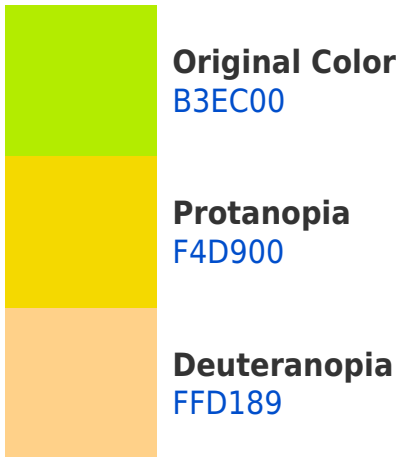


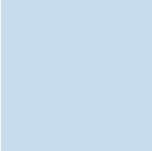
This preview shows how white text looks on a background with the Hex color B3EC00.

# 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](#).

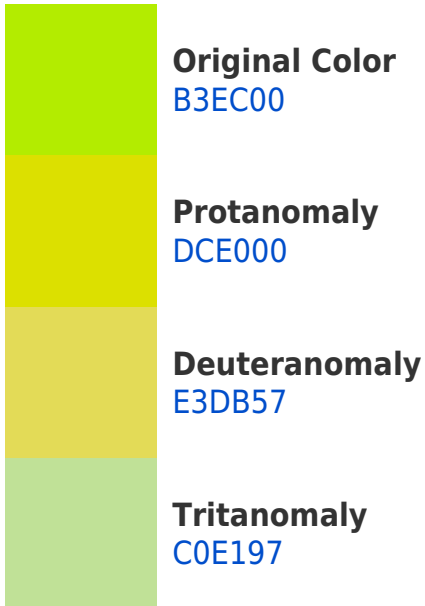
## Dichromacy



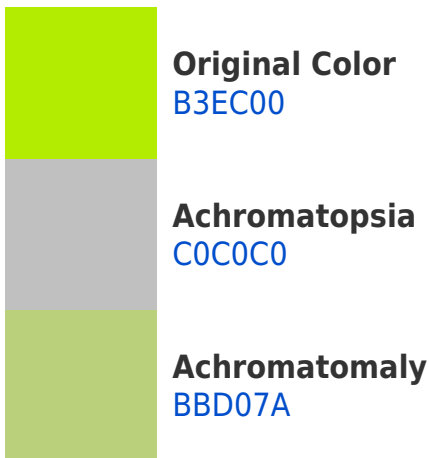


**Tritanopia**  
C8DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3EC00 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 #B3EC00 looks like.

```
.text, #text, p{  
    color:#B3EC00  
}
```

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 #B3EC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3EC00
}
```

## Border

The CSS property to change the border of an element to Hex B3EC00 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
#B3EC00 }
```

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

```
.border{ border-color:#B3EC00 }
```

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

Here you see how a box with a 4 pixel #B3EC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3EC00; -webkit-box-shadow:4px 4px  
4px 4px #B3EC00; box-shadow:4px 4px 4px  
4px #B3EC00 }
```

# Background

The CSS property to change the background color of an element to Hex B3EC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3EC00 }
```

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

```
.background{ background-color:#B3EC00 }
```

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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