

# Converting Colors

Hex(B5ED2D)

Have a look what the booklet for  
Hex(B5ED2D) contains.

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**Color**

**Hex(B5ED2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ED2D
RGB	181, 237, 45
RGB Percent	71%, 93%, 18%
CMY	0.2902, 0.0706, 0.8235
CMYK	0.24, 0.00, 0.81, 0.07
HSL	77°, 84%, 55%
HSV	77°, 81%, 93%
XYZ	49.8139, 70.5816, 13.4808
YIQ	198.3680, 28.2560, -71.5840

# Conversions

## Conversions Part 2

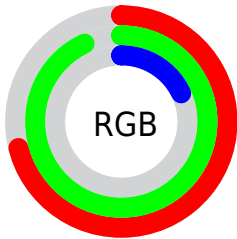
Format	Color
<a href="#">RYB</a>	45, 237, 101
Decimal	11922733
CIELab	87.28, -42.05, 78.39
CIELCh	87, 88.957, 118.211
Yxy	70.5816, 0.3721, 0.5272
Android (android.graphics.Color)	4290112813 (0xFFB5ED2D)
YUV	198.3680, -75.6104, -15.2317
Hunter-Lab	84.0129, -41.1842, 49.2953

# Details

The Hex color **B5ED2D** 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 **652DED**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F1FF6D**, and **7BB500** is the 20% darker color. If you saturate the color by 10%, you get **AEED15**, and if you desaturate by 10%, it is **BCED45**.

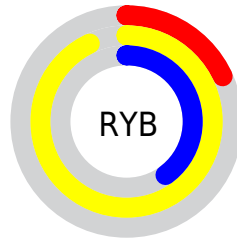
# Distribution



Red (71%)

Green (93%)

Blue (18%)



Red (18%)

Yellow (93%)

Blue (40%)

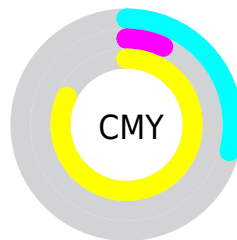


Cyan (24%)

Magenta (0%)

Yellow (81%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ED2D 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 B5ED2D by changing the saturation by 10% instead.



 B5ED2D

 B5ED2D

FFFFFF

 98D100

 F1FF6D

 7BB500

 FFFF8A

 5E9A00

 FFFFA7

 408000

 FFFFC4

 1F6600

 FFFFE2

 004E00

 003600

 002100

 000000

 B5ED2D

 B5ED2D

 AEED15

 BCED45

 A8ED00

 C3ED5C

 CAED74

 D1ED8C

 D8EDA3

 DEEDBB

 E5EDD3

 ECEDEB

 F3EDFF

# Harmonies

## Analogous

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



FFD500



B5ED2D



11FB7C

# Triad

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



B5ED2D



00F9FF



FF85E3

# Complementary

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



B5ED2D



652DED

# 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



B5ED2D



00E6FF

# Square

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



B5ED2D



00FFFF



CEC6FF



FF9090

# Rectangle

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



B5ED2D



00FFB5



CEC6FF



FF8AFF

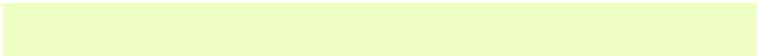


# Sweetspot

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



B5ED2D



EDFFC2



ED632D



75805B



000000



808080



# Same Dimension

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



B5ED2D



B7FF08



57ED2D



72756A



80B500



263600



# Inverse Universe

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



652DED



5008FF



C32DED



6D6A75



3500B5

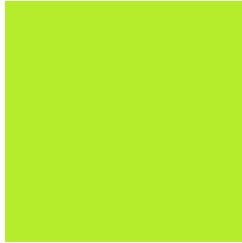


100036



# Previews

## White Background



This preview shows how the Hex color B5ED2D looks on a white background.

## Color Contrast Check

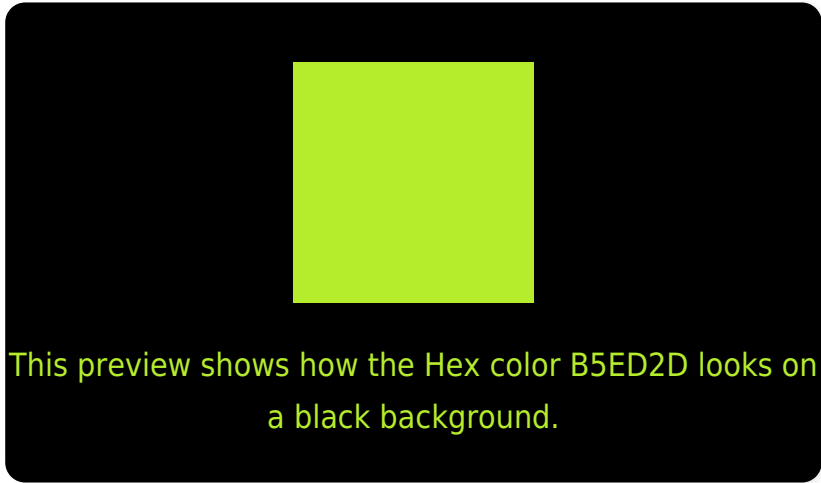
Large Text (above 18pt) WCAG AA × Fail

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 B5ED2D Background



This preview shows how black text looks on a background with the Hex color B5ED2D.

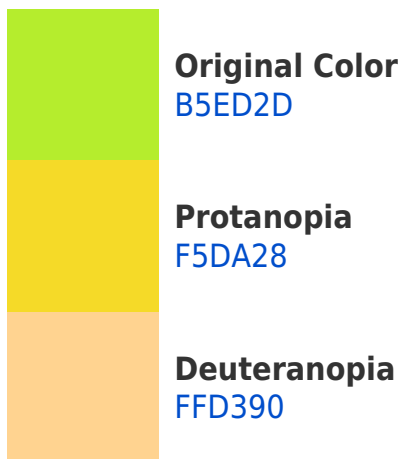


This preview shows how white text looks on a background with the Hex color B5ED2D.

# 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](#).

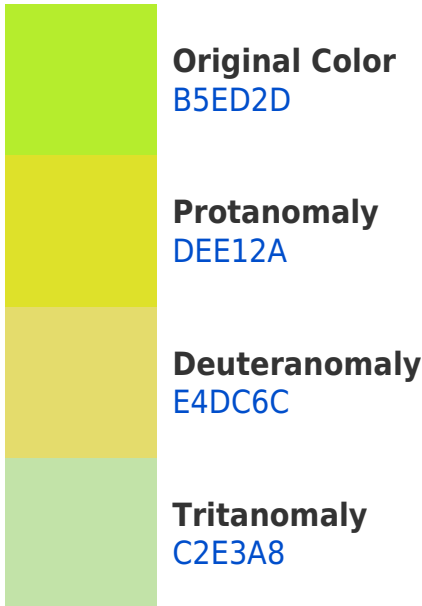
## Dichromacy



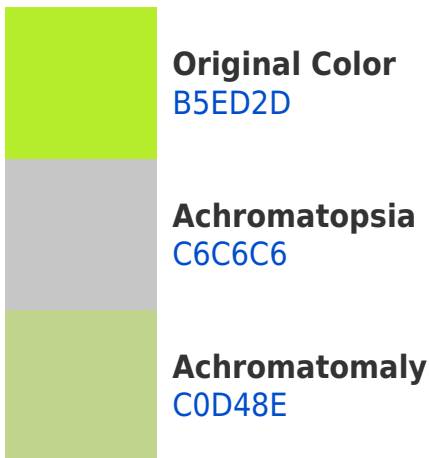


**Tritanopia**  
C9DDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ED2D 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 #B5ED2D looks like.

```
.text, #text, p{  
    color:#B5ED2D  
}
```

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 #B5ED2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ED2D
}
```

## Border

The CSS property to change the border of an element to Hex B5ED2D 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
#B5ED2D }
```

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

```
.border{ border-color:#B5ED2D }
```

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

Here you see how a box with a 4 pixel #B5ED2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ED2D; -webkit-box-shadow:4px 4px  
4px 4px #B5ED2D; box-shadow:4px 4px 4px  
4px #B5ED2D }
```

# Background

The CSS property to change the background color of an element to Hex B5ED2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ED2D }
```

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

```
.background{ background-color:#B5ED2D }
```

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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