

Converting Colors

Hex(B2ED3F)

Have a look what the booklet for
Hex(B2ED3F) contains.

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Color

Hex(**B2ED3F**)

Conversions

Conversions Part 1

Format	Color
Hex	B2ED3F
RGB	178, 237, 63
RGB Percent	70%, 93%, 25%
CMY	0.3020, 0.0706, 0.7529
CMYK	0.25, 0.00, 0.73, 0.07
HSL	80°, 83%, 59%
HSV	80°, 73%, 93%
XYZ	49.5415, 70.3922, 15.6786
YIQ	199.5230, 20.6900, -66.6220

Conversions

Conversions Part 2

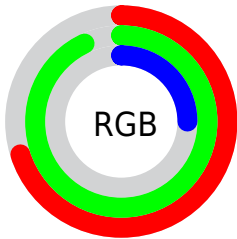
Format	Color
RYB	63, 237, 122
Decimal	11726143
CIELab	87.19, -42.39, 73.08
CIELCh	87, 84.487, 120.115
Yxy	70.3922, 0.3653, 0.5191
Android (android.graphics.Color)	4289916223 (0xFFB2ED3F)
YUV	199.5230, -67.3058, -18.8757
Hunter-Lab	83.9001, -41.4241, 47.6504

Details

The Hex color **B2ED3F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **7A3FED**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EDFF7A**, and **78B500** is the 20% darker color. If you saturate the color by 10%, you get **AAED27**, and if you desaturate by 10%, it is **BAED57**.

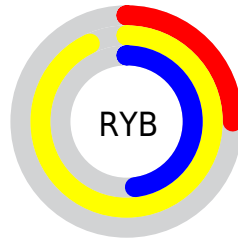
Distribution



Red (70%)

Green (93%)

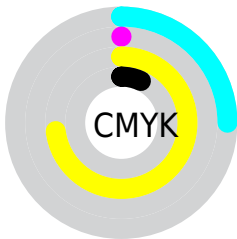
Blue (25%)



Red (25%)

Yellow (93%)

Blue (48%)

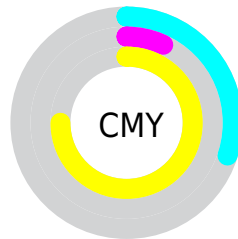


Cyan (25%)

Magenta (0%)

Yellow (73%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2ED3F 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 B2ED3F by changing the saturation by 10% instead.

 B2ED3F

 B2ED3F

FFFFFF

 95D11A

 EDFF7A

 78B500

 FFFF96

 5B9A00

 FFFFB3

 3E7F00

 FFFF00

 1D6600

 FFFFEE

 004D00

 003600

 002100

 000000

 B2ED3F

 B2ED3F

 AAED27

 BAED57

 A2ED10

 C2ED6E

 9DED00

 CAED86

 D2ED9E

 DAEDB5

 E2EDCD

 EAEDE5

 F2EDFD

 FAEDFF

Harmonies

Analogous

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



FFD71B



B2ED3F



1CFA86

Triad

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



B2ED3F



00F7FF



FF8BDE

Complementary

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



B2ED3F



7A3FED

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



B2ED3F



00E4FF

Square

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



B2ED3F



00FFFF



D9C5FF



FF978F

Rectangle

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



B2ED3F



00FFBC



D9C5FF



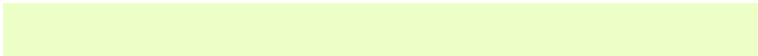
FF8FF9

Sweetspot

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



B2ED3F



ECFFC7



ED793F



74805E



000000



808080

Same Dimension

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



B2ED3F



B3FF1F



5CED3F



71756A



78B500



233600

Inverse Universe

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



7A3FED



6B1FFF



D03FED



6E6A75



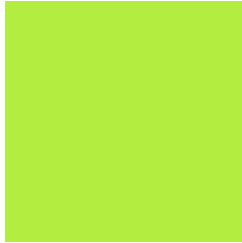
3D00B5



120036

Previews

White Background



This preview shows how the Hex color B2ED3F looks on a white background.

Color Contrast Check

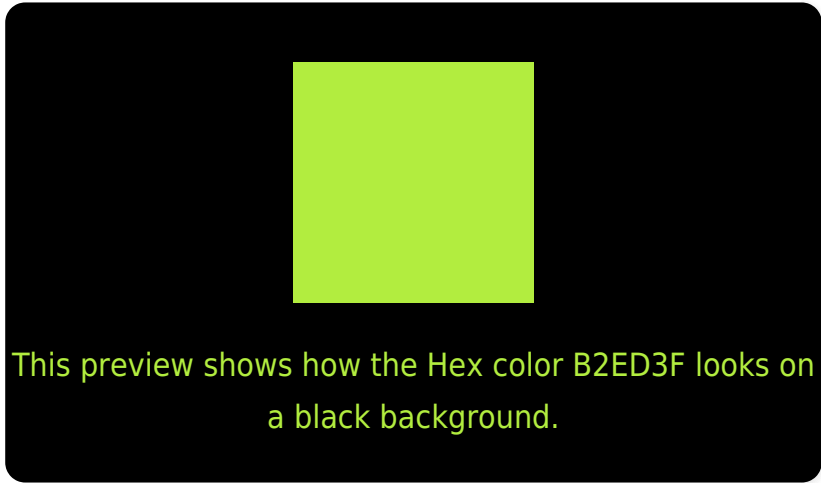
Large Text (above 18pt) WCAG AA × Fail

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 B2ED3F Background



This preview shows how black text looks on a background with the Hex color B2ED3F.

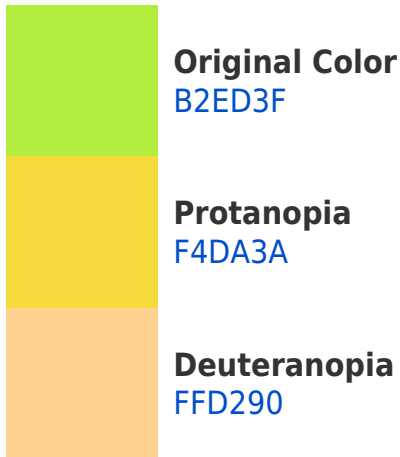


This preview shows how white text looks on a background with the Hex color B2ED3F.

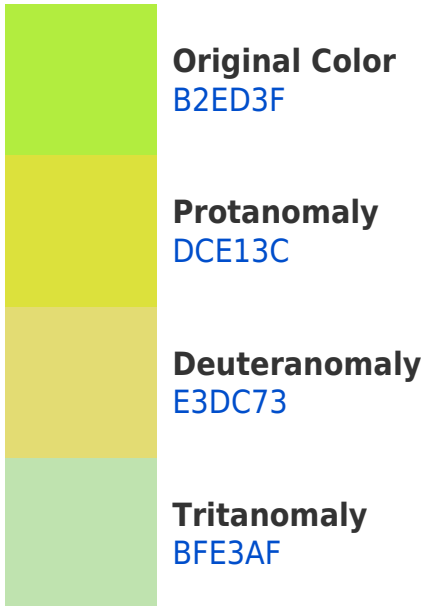
Color Blindness Simulation

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](#).

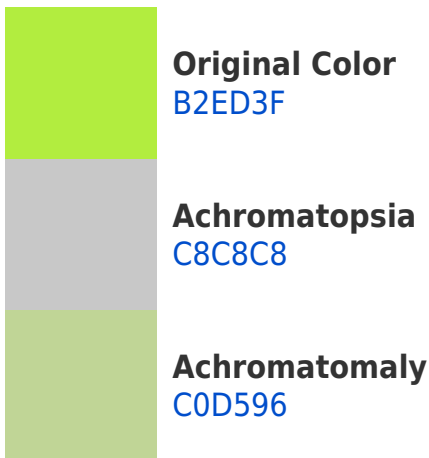
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2ED3F 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 #B2ED3F looks like.

```
.text, #text, p{  
    color:#B2ED3F  
}
```

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 #B2ED3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ED3F
}
```

Border

The CSS property to change the border of an element to Hex B2ED3F 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
#B2ED3F }
```

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

```
.border{ border-color:#B2ED3F }
```

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

Here you see how a box with a 4 pixel #B2ED3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ED3F; -webkit-box-shadow:4px 4px  
4px 4px #B2ED3F; box-shadow:4px 4px 4px  
4px #B2ED3F }
```

Background

The CSS property to change the background color of an element to Hex B2ED3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ED3F }
```

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

```
.background{ background-color:#B2ED3F }
```

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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