

Converting Colors

Hex(B8ED5C)

Have a look what the booklet for
Hex(B8ED5C) contains.

Hex(B8ED5C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B8ED5C)

Conversions

Conversions Part 1

Format	Color
Hex	B8ED5C
RGB	184, 237, 92
RGB Percent	72%, 93%, 36%
CMY	0.2784, 0.0706, 0.6392
CMYK	0.22, 0.00, 0.61, 0.07
HSL	82°, 80%, 65%
HSV	82°, 61%, 93%
XYZ	51.9831, 71.5314, 21.1924
YIQ	204.6230, 14.9570, -56.3310

Conversions

Conversions Part 2

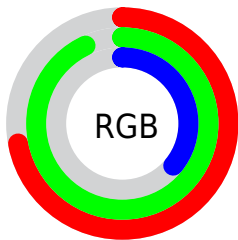
Format	Color
RYB	92, 237, 145
Decimal	12119388
CIELab	87.74, -38.27, 62.96
CIELCh	88, 73.681, 121.294
Yxy	71.5314, 0.3592, 0.4943
Android (android.graphics.Color)	4290309468 (0xFFB8ED5C)
YUV	204.6230, -55.5231, -18.0864
Hunter-Lab	84.5763, -38.2970, 44.3470

Details

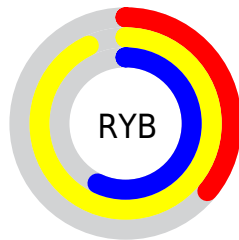
The Hex color **B8ED5C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **915CED**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F3FF93**, and **7FB521** is the 20% darker color. If you saturate the color by 10%, you get **AFED44**, and if you desaturate by 10%, it is **C1ED74**.

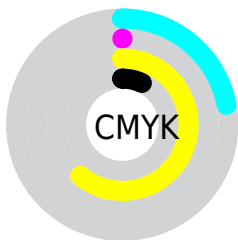
Distribution



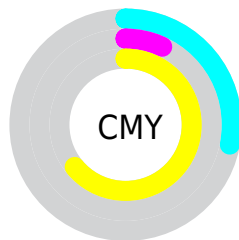
- Red (72%)
- Green (93%)
- Blue (36%)



- Red (36%)
- Yellow (93%)
- Blue (57%)



- Cyan (22%)
- Magenta (0%)
- Yellow (61%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8ED5C 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 B8ED5C by changing the saturation by 10% instead.

 B8ED5C

 B8ED5C

FFFFFF

 9BD140

 F3FF93

 7FB521

 FFFFAF

 639A00

 FFFFCC

 478000

 FFFFEE9

 2B6600

 044E00

 003600

 002200

 000000

 B8ED5C

 B8ED5C

 AFED44

 C1ED74

 A7ED2D

 C9ED8B

 9EED15

 D2EDA3

 96ED00

 DBEDBB

 E3EDD3

 ECEDEA

 F5EDFF

 FDEDFD

 FFEDFF

Harmonies

Analogous

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



FFD945



B8ED5C



50F995

Triad

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



B8ED5C



00F5FF



FF9CDC

Complementary

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



B8ED5C



915CED

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.



FFABFF



B8ED5C



35E3FF

Square

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



B8ED5C



00DFFF



E2C8FF



FFA697

Rectangle

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



B8ED5C



00FDC4



E2C8FF



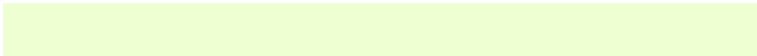
FF9FF4

Sweetspot

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



B8ED5C



EEFFD1



ED8F5C



758063



000000



808080

Same Dimension

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



B8ED5C



BBFF45



72ED5C



71756A



73B500



223600

Inverse Universe

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



915CED



8945FF



D75CED



6E6A75



4200B5



140036

Previews

White Background



This preview shows how the Hex color B8ED5C looks on a white background.

Color Contrast Check

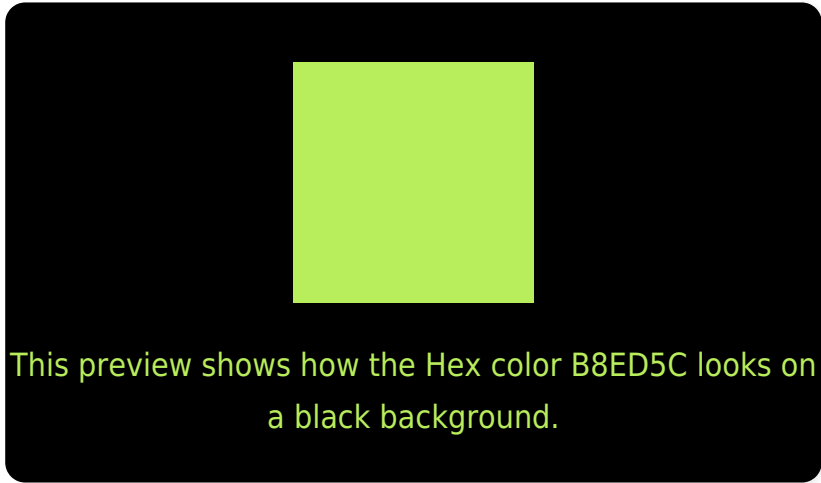
Large Text (above 18pt) WCAG AA × Fail

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 B8ED5C Background



This preview shows how black text looks on a background with the Hex color B8ED5C.

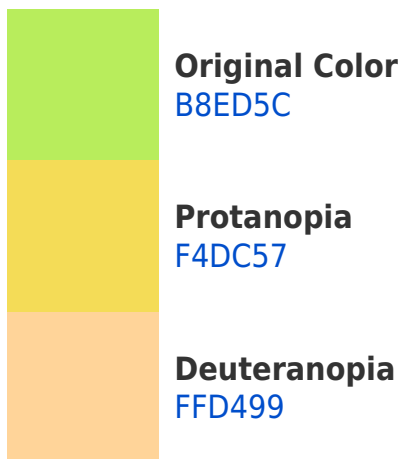


This preview shows how white text looks on a background with the Hex color B8ED5C.

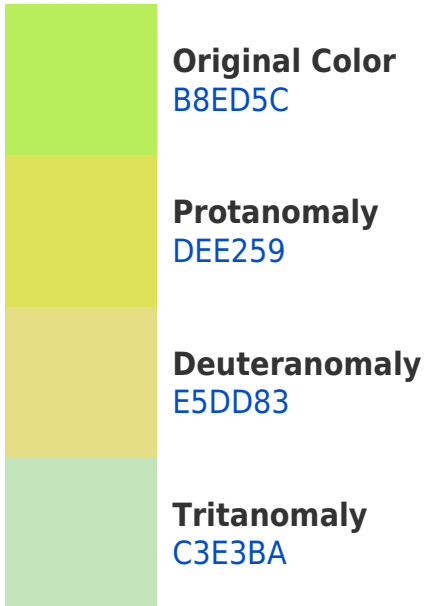
Color Blindness Simulation

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](#).

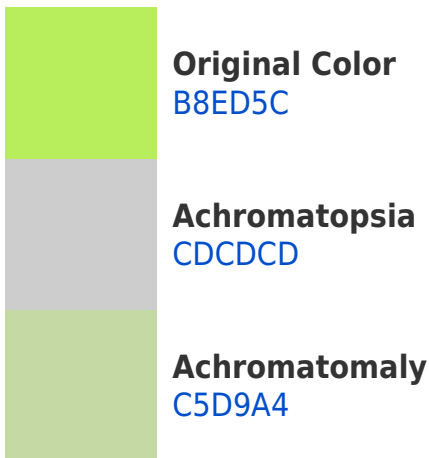
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8ED5C 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 #B8ED5C looks like.

```
.text, #text, p{  
    color:#B8ED5C  
}
```

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 #B8ED5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8ED5C
}
```

Border

The CSS property to change the border of an element to Hex B8ED5C 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
#B8ED5C }
```

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

```
.border{ border-color:#B8ED5C }
```

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

Here you see how a box with a 4 pixel #B8ED5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8ED5C; -webkit-box-shadow:4px 4px  
4px 4px #B8ED5C; box-shadow:4px 4px 4px  
4px #B8ED5C }
```

Background

The CSS property to change the background color of an element to Hex B8ED5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8ED5C }
```

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

```
.background{ background-color:#B8ED5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor