

# Converting Colors

Hex(8BDF71)

Have a look what the booklet for  
Hex(8BDF71) contains.

<b>Hex(8BDF71)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8BDF71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BDF71
RGB	139, 223, 113
RGB Percent	55%, 87%, 44%
CMY	0.4549, 0.1255, 0.5569
CMYK	0.38, 0.00, 0.49, 0.13
HSL	106°, 63%, 66%
HSV	106°, 49%, 87%
XYZ	40.0158, 59.4566, 24.9900
YIQ	185.3440, -14.7540, -52.0180

# Conversions

## Conversions Part 2

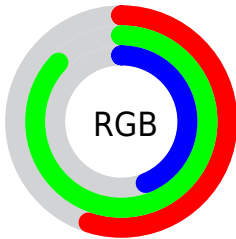
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 223, 197</a>
Decimal	<a href="#">9166705</a>
CIELab	<a href="#">81.54, -45.70, 45.72</a>
CIElCh	<a href="#">82, 64.643, 134.982</a>
Yxy	<a href="#">59.4566, 0.3215, 0.4777</a>
Android (android.graphics.Color)	<a href="#">4287356785 (0xFF8BDF71)</a>
YUV	<a href="#">185.3440, -35.6656, -40.6437</a>
Hunter-Lab	<a href="#">77.1081, -42.3054, 34.7603</a>

# Details

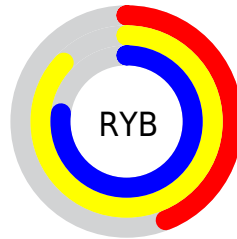
The Hex color **8BDF71** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C571DF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C4FFA7**, and **53A73D** is the 20% darker color. If you saturate the color by 10%, you get **7ADF5B**, and if you desaturate by 10%, it is **9CDF87**.

# Distribution



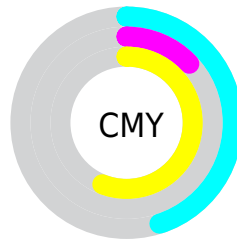
- Red (55%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BDF71 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 8BDF71 by changing the saturation by 10% instead.



 8BDF71

FFFFFF

 C4FFA7

 E1FFC3

 FFFFDF

 FFFFFC

 8BDF71

 6FC357

 53A73D

 368C23

 127202

 005900

 004000

 002B00

 000B00

 000000

 8BDF71

 8BDF71

 7ADF5B

 9CDF87

 69DF44

 ADDF9E

 58DF2E

 BEDFB4

 47DF18

 CFDFCA

 36DF01

 E0DFE0

 35DF00

 F1DFF7

 FFDFFF

# Harmonies

## Analogous

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



CFD14E



8BDF71



00E7A9

# Triad

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



8BDF71



00DAFF



FF96AF

# Complementary

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



8BDF71



C571DF

# 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.



FF9AEC



8BDF71



98C7FF

# Square

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



8BDF71



00E5FF



F6AEFF



FFA677

# Rectangle

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



8BDF71



00E9D3



F6AEFF



FF95C3

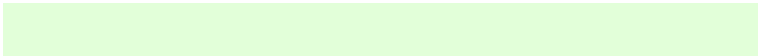


# Sweetspot

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



8BDF71



E2FFD9



DFC371



6E8069



000000



808080



# Same Dimension

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



8BDF71



8CFF69



71DF8C



687065



2AB000



0B3000



# Inverse Universe

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



C571DF



DB69FF



DF71C3



6E6570



8600B0



250030



# Previews

## White Background



This preview shows how the Hex color 8BDF71 looks on a white background.

## Color Contrast Check

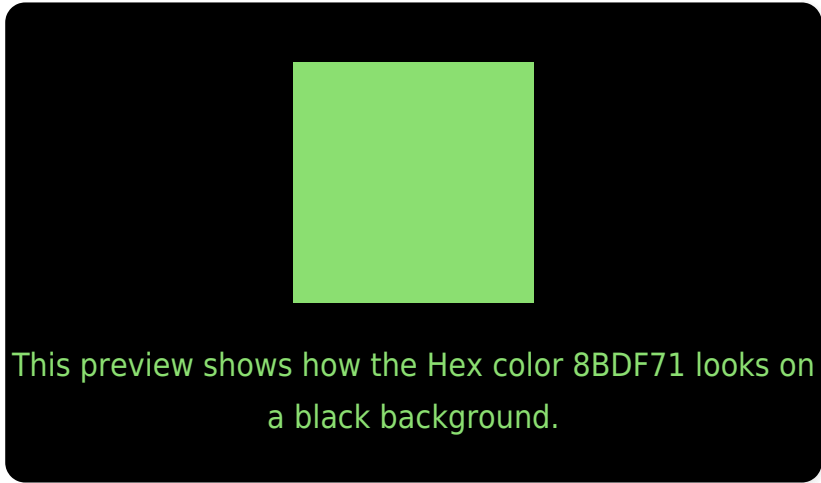
Large Text (above 18pt) WCAG AA × Fail

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 8BDF71 Background



This preview shows how black text looks on a background with the Hex color 8BDF71.

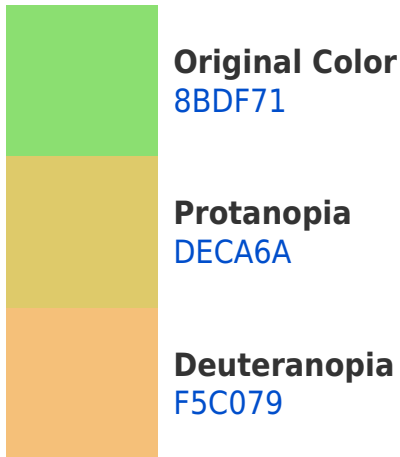


This preview shows how white text looks on a background with the Hex color 8BDF71.

# 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](#).

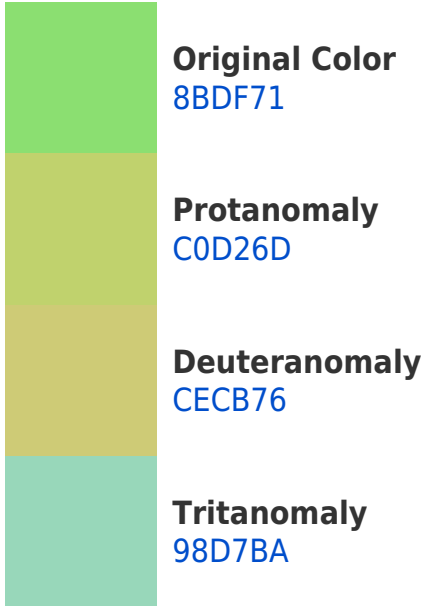
## Dichromacy



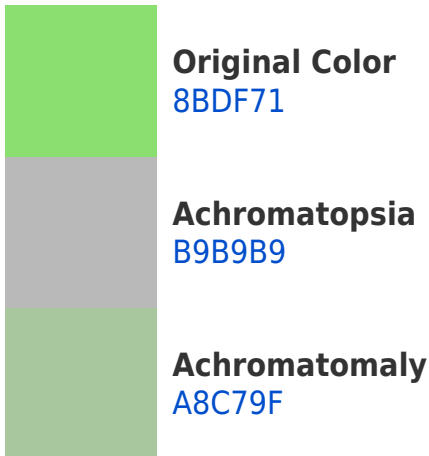


**Tritanopia**  
9FD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BDF71 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 #8BDF71 looks like.

```
.text, #text, p{  
    color:#8BDF71  
}
```

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 #8BDF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BDF71
}
```

## Border

The CSS property to change the border of an element to Hex 8BDF71 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
#8BDF71 }
```

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

```
.border{ border-color:#8BDF71 }
```

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

Here you see how a box with a 4 pixel #8BDF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BDF71; -webkit-box-shadow:4px 4px  
4px 4px #8BDF71; box-shadow:4px 4px 4px  
4px #8BDF71 }
```

# Background

The CSS property to change the background color of an element to Hex 8BDF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BDF71 }
```

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

```
.background{ background-color:#8BDF71 }
```

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