

Converting Colors

Hex(8BD851)

Have a look what the booklet for
Hex(8BD851) contains.

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Color

Hex(8BD851)

Conversions

Conversions Part 1

Format	Color
Hex	8BD851
RGB	139, 216, 81
RGB Percent	55%, 85%, 32%
CMY	0.4549, 0.1529, 0.6824
CMYK	0.36, 0.00, 0.62, 0.15
HSL	94°, 63%, 58%
HSV	94°, 62%, 85%
XYZ	36.6885, 55.1948, 16.5046
YIQ	177.5870, -2.5570, -58.3090

Conversions

Conversions Part 2

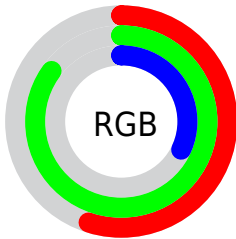
Format	Color
R_{YB}	81, 216, 158
Decimal	9164881
CIE _{Lab}	79.15, -46.09, 57.42
CIE _{LCh}	79, 73.629, 128.753
Yxy	55.1948, 0.3385, 0.5092
Android (android.graphics.Color)	4287354961 (0xFF8BD851)
YUV	177.5870, -47.6174, -33.8408
Hunter-Lab	74.2932, -41.8637, 38.8337

Details

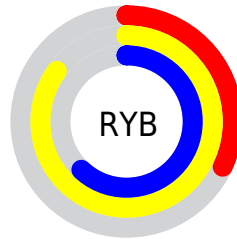
The Hex color **8BD851** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9E51D8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C4FF87**, and **52A115** is the 20% darker color. If you saturate the color by 10%, you get **7FD83B**, and if you desaturate by 10%, it is **97D867**.

Distribution



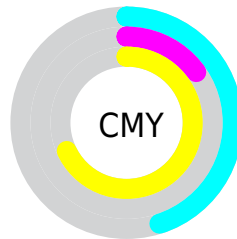
- Red (55%)
- Green (85%)
- Blue (32%)



- Red (32%)
- Yellow (85%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (62%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD851 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 8BD851 by changing the saturation by 10% instead.

 8BD851

 8BD851

FFFFFF

 6FBC35

 C4FF87

 52A115

 E2FFA3

 358600

 FFFFBF

 0F6C00

 FFFFDC

 005300

 FFFFF9

 003B00

 002600

 000000

 8BD851

 8BD851

 7FD83B

 97D867

 72D826

 A4D87C

 66D810

 B0D892

 5DD800

 BCD8A7

 C9D8BD

 D5D8D3

 E1D8E8

 EED8FE

 FAD8FF

Harmonies

Analogous

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



D5C72B



8BD851



00E190

Triad

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



8BD851



00D9FF



FF83B3

Complementary

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



8BD851



9E51D8

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.



FF8DF7



8BD851



56C5FF

Square

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



8BD851



00E3FF



E1A9FF



FF9372

Rectangle

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



8BD851



00E4BF



E1A9FF



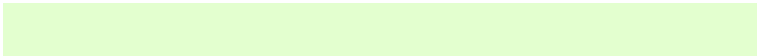
FF83CA

Sweetspot

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



8BD851



E3FFCF



D89D51



6F8062



000000



808080

Same Dimension

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



8BD851



92FF40



51D85A



656B60



49AB00



132B00

Inverse Universe

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



9E51D8



AD40FF



D851CF



66606B



6100AB



19002B

Previews

White Background



This preview shows how the Hex color 8BD851 looks on a white background.

Color Contrast Check

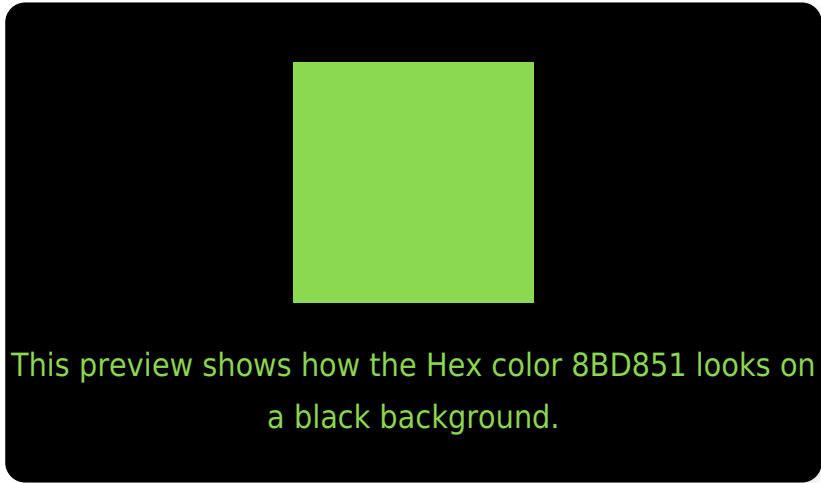
Large Text (above 18pt) WCAG AA × Fail

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 8BD851 Background



This preview shows how black text looks on a background with the Hex color 8BD851.

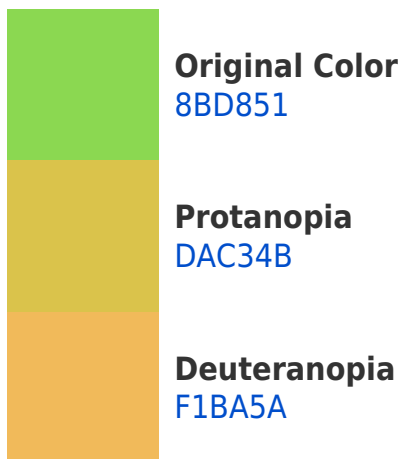


This preview shows how white text looks on a background with the Hex color 8BD851.

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



Original Color
8BD851



Protanomaly
BDCB4D



Deuteranomaly
CCC557

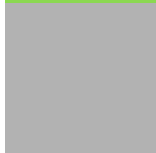


Tritanomaly
98CFA8

Monochromacy



Original Color
8BD851



Achromatopsia
B2B2B2



Achromatomaly
A4C08F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD851 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 #8BD851 looks like.

```
.text, #text, p{  
    color:#8BD851  
}
```

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 #8BD851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD851
}
```

Border

The CSS property to change the border of an element to Hex 8BD851 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
#8BD851 }
```

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

```
.border{ border-color:#8BD851 }
```

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

Here you see how a box with a 4 pixel #8BD851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD851; -webkit-box-shadow:4px 4px  
4px 4px #8BD851; box-shadow:4px 4px 4px  
4px #8BD851 }
```

Background

The CSS property to change the background color of an element to Hex 8BD851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD851 }
```

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

```
.background{ background-color:#8BD851 }
```

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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