

# Converting Colors

Hex(8DD34D)

Have a look what the booklet for  
Hex(8DD34D) contains.

<b>Hex(8DD34D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8DD34D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8DD34D
RGB	141, 211, 77
RGB Percent	55%, 83%, 30%
CMY	0.4471, 0.1725, 0.6980
CMYK	0.33, 0.00, 0.64, 0.17
HSL	91°, 60%, 56%
HSV	91°, 64%, 83%
XYZ	35.6183, 52.7871, 15.3328
YIQ	174.7940, 1.2940, -56.5140

# Conversions

## Conversions Part 2

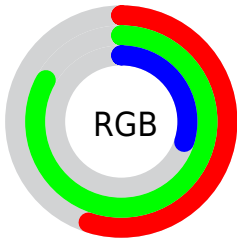
Format	Color
<a href="#">RYB</a>	<a href="#">77, 211, 147</a>
Decimal	<a href="#">9294669</a>
CIELab	<a href="#">77.75, -43.61, 57.58</a>
CIELCh	<a href="#">78, 72.235, 127.138</a>
Yxy	<a href="#">52.7871, 0.3433, 0.5088</a>
Android (android.graphics.Color)	<a href="#">4287484749 (0xFF8DD34D)</a>
YUV	<a href="#">174.7940, -48.2124, -29.6373</a>
Hunter-Lab	<a href="#">72.6547, -39.6377, 38.3459</a>

# Details

The Hex color **8DD34D** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **934DD3**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **C6FF83**, and **559C0F** is the 20% darker color. If you saturate the color by 10%, you get **82D338**, and if you desaturate by 10%, it is **98D362**.

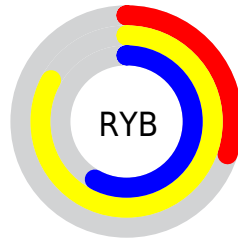
# Distribution



Red (55%)

Green (83%)

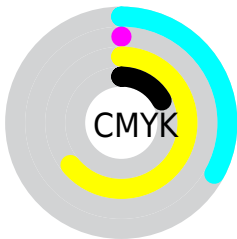
Blue (30%)



Red (30%)

Yellow (83%)

Blue (58%)

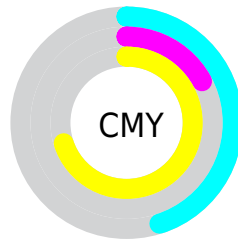


Cyan (33%)

Magenta (0%)

Yellow (64%)

Black (17%)



Cyan (45%)

Magenta (17%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DD34D 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 8DD34D by changing the saturation by 10% instead.





8DD34D



8DD34D

FFFFFF



71B731



C6FF83



559C0F



E4FF9F



388100



FFFFBB



176800



FFFFD8



004F00



FFFFF5



003700



002200



000000



8DD34D



8DD34D

 82D338

 98D362

 77D323

 A3D377

 6CD30E

 AED38C

 65D300

 B9D3A1

 C4D3B7

 CFD3CC

 DAD3E1

 E5D3F6

 F0D3FF

# Harmonies

## Analogous

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



D4C22A



8DD34D



00DD89

# Triad

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



8DD34D



00D5FF



FF80B3

# Complementary

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



8DD34D



934DD3

# 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.



FF8CF6



8DD34D



47C3FF

# Square

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



8DD34D



00DEFF



D8A7FF



FF8F73

# Rectangle

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



8DD34D



00E0B7



D8A7FF



FF81C9

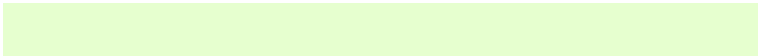


# Sweetspot

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



8DD34D



E6FFCF



D3924D



708062



000000



808080



# Same Dimension

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



8DD34D



9AFF3D



4DD34F



63695E



50A800



132900



# Inverse Universe

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



934DD3



A23DFF



D34DD1



645E69



5800A8



150029



# Previews

## White Background



This preview shows how the Hex color 8DD34D looks on a white background.

## Color Contrast Check

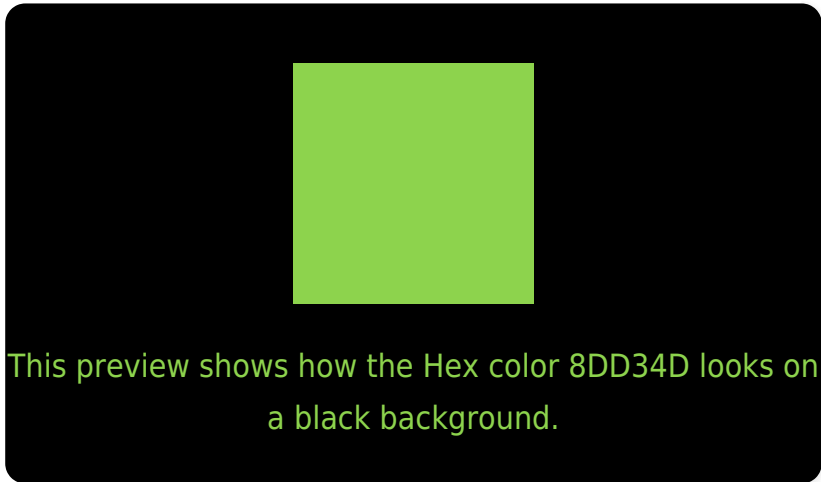
Large Text (above 18pt) WCAG AA × Fail

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 8DD34D Background



This preview shows how black text looks on a background with the Hex color 8DD34D.

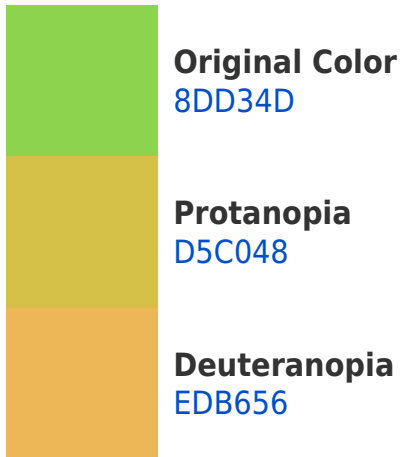


This preview shows how white text looks on a background with the Hex color 8DD34D.

# 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**  
A0C6D5

# Trichromacy



**Original Color**  
8DD34D



**Protanomaly**  
BBC74A



**Deuteranomaly**  
CAC153



**Tritanomaly**  
99CBA4

# Monochromacy



**Original Color**  
8DD34D



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
A3BC8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DD34D 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 #8DD34D looks like.

```
.text, #text, p{  
    color:#8DD34D  
}
```

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 #8DD34D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD34D
}
```

## Border

The CSS property to change the border of an element to Hex 8DD34D 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
#8DD34D }
```

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

```
.border{ border-color:#8DD34D }
```

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

Here you see how a box with a 4 pixel #8DD34D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD34D; -webkit-box-shadow:4px 4px  
4px 4px #8DD34D; box-shadow:4px 4px 4px  
4px #8DD34D }
```

# Background

The CSS property to change the background color of an element to Hex 8DD34D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD34D }
```

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

```
.background{ background-color:#8DD34D }
```

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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