

Converting Colors

Hex(8DD377)

Have a look what the booklet for
Hex(8DD377) contains.

Hex(8DD377)	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(8DD377)

Conversions

Conversions Part 1

Format	Color
Hex	8DD377
RGB	141, 211, 119
RGB Percent	55%, 83%, 47%
CMY	0.4471, 0.1725, 0.5333
CMYK	0.33, 0.00, 0.44, 0.17
HSL	106°, 51%, 65%
HSV	106°, 44%, 83%
XYZ	37.6085, 53.5832, 25.8132
YIQ	179.5820, -12.1880, -43.4520

Conversions

Conversions Part 2

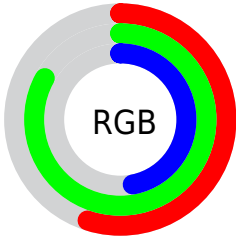
Format	Color
RYB	119, 211, 189
Decimal	9294711
CIELab	78.22, -39.04, 38.66
CIElCh	78, 54.944, 135.277
Yxy	53.5832, 0.3214, 0.4580
Android (android.graphics.Color)	4287484791 (0xFF8DD377)
YUV	179.5820, -29.8669, -33.8364
Hunter-Lab	73.2005, -36.3922, 30.3325

Details

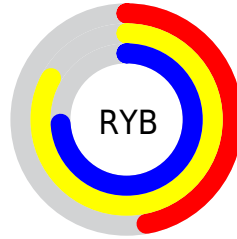
The Hex color **8DD377** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BD77D3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C5FFAC**, and **579C44** is the 20% darker color. If you saturate the color by 10%, you get **7DD362**, and if you desaturate by 10%, it is **9DD38C**.

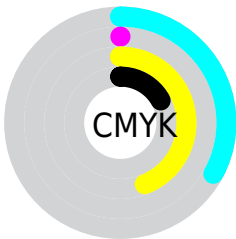
Distribution



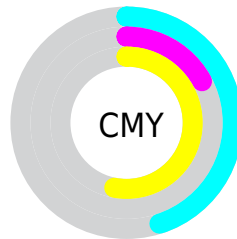
- Red (55%)
- Green (83%)
- Blue (47%)



- Red (47%)
- Yellow (83%)
- Blue (74%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (17%)



- Cyan (45%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD377 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 8DD377 by changing the saturation by 10% instead.



8DD377



8DD377

FFFFFF



72B75D



C5FFAC



579C44



E2FFC8



3C812C



FFFFE5



1F6812



004F00



003700



002300



000000



8DD377



8DD377

 7DD362

 9DD38C

 6DD34D

 ADD3A1

 5DD338

 BDD3B6

 4DD323

 CDD3CB

 3DD30E

 DDD3E1

 32D300

 EDD3F6

 FDD3FF

 FFD3FF

Harmonies

Analogous

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



C6C75B



8DD377



37DAA6

Triad

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



8DD377



00CEFF



FF97A9

Complementary

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



8DD377



BD77D3

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.



FF9ADD



8DD377



9CBEFF

Square

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



8DD377



00D8FF



E7AFFF



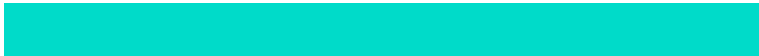
FFA37B

Rectangle

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



8DD377



00DBC9



E7AAFF



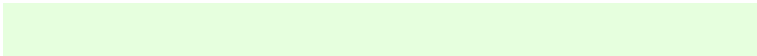
FF96BA

Sweetspot

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



8DD377



E6FFDE



D3BC77



70806B



000000



808080

Same Dimension

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



8DD377



9AFF7A



77D38E



61695E



28A800



0A2900

Inverse Universe

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



BD77D3



DF7AFF



D377BC



665E69



8000A8



1F0029

Previews

White Background



This preview shows how the Hex color 8DD377 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



This preview shows how the Hex color 8DD377 looks on a 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 8DD377 Background



This preview shows how black text looks on a background with the Hex color 8DD377.

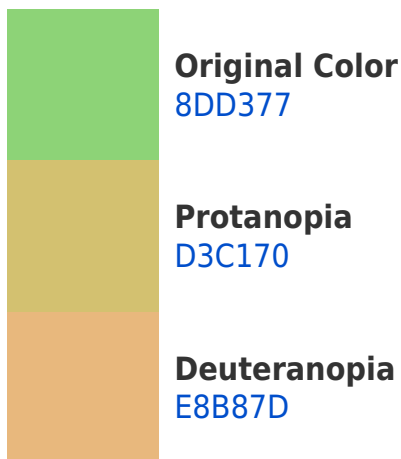


This preview shows how white text looks on a background with the Hex color 8DD377.

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](#).

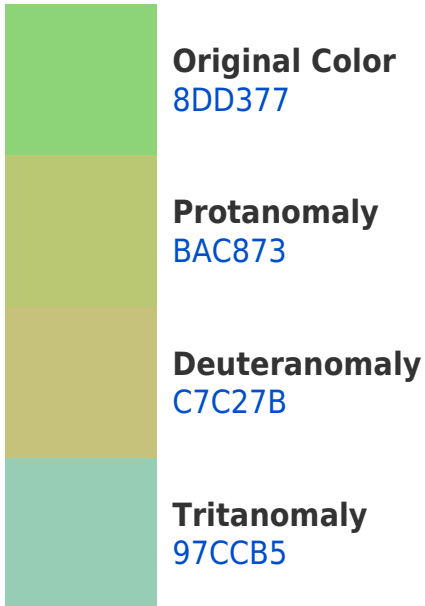
Dichromacy



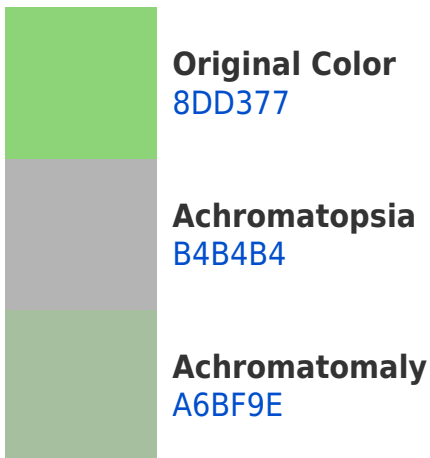


Tritanopia
9DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD377 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 #8DD377 looks like.

```
.text, #text, p{  
    color:#8DD377  
}
```

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 #8DD377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD377
}
```

Border

The CSS property to change the border of an element to Hex 8DD377 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
#8DD377 }
```

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

```
.border{ border-color:#8DD377 }
```

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

Here you see how a box with a 4 pixel #8DD377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD377; -webkit-box-shadow:4px 4px  
4px 4px #8DD377; box-shadow:4px 4px 4px  
4px #8DD377 }
```

Background

The CSS property to change the background color of an element to Hex 8DD377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD377 }
```

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

```
.background{ background-color:#8DD377 }
```

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