

# Converting Colors

Hex(8DC77B)

Have a look what the booklet for  
Hex(8DC77B) contains.

<b>Hex(8DC77B)</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(8DC77B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC77B
RGB	141, 199, 123
RGB Percent	55%, 78%, 48%
CMY	0.4471, 0.2196, 0.5176
CMYK	0.29, 0.00, 0.38, 0.22
HSL	106°, 40%, 63%
HSV	106°, 38%, 78%
XYZ	34.9831, 47.9396, 26.1484
YIQ	172.9940, -10.1720, -35.9320

# Conversions

## Conversions Part 2

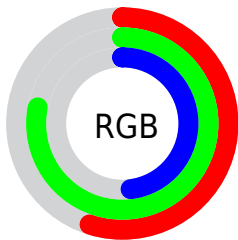
Format	Color
<a href="#">RYB</a>	<a href="#">123, 199, 181</a>
Decimal	<a href="#">9291643</a>
CIELab	<a href="#">74.79, -33.00, 32.21</a>
CIElCh	<a href="#">75, 46.115, 135.689</a>
Yxy	<a href="#">47.9396, 0.3207, 0.4395</a>
Android (android.graphics.Color)	<a href="#">4287481723</a> ( <a href="#">0xFF8DC77B</a> )
YUV	<a href="#">172.9940, -24.6470, -28.0587</a>
Hunter-Lab	<a href="#">69.2384, -30.9792, 26.0756</a>

# Details

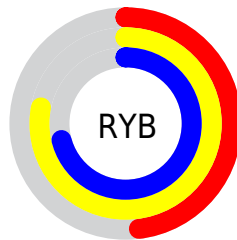
The Hex color **8DC77B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B57BC7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C4FFB0**, and **589149** is the 20% darker color. If you saturate the color by 10%, you get **7EC767**, and if you desaturate by 10%, it is **9CC78F**.

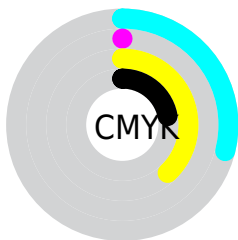
# Distribution



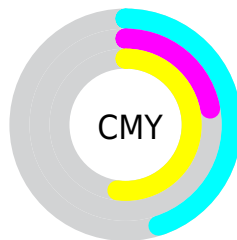
- Red (55%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC77B 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 8DC77B by changing the saturation by 10% instead.



 8DC77B

 8DC77B

FFFFFF

 72AB62

 C4FFB0

 589149

 E1FFCC

 3E7731

 FEFFE8

 245E19

 044600

 002E00

 001900

 000000

 8DC77B

 8DC77B

 7EC767

 9CC78F

 6FC753

 ABC7A3

 5FC73F

 BBC7B7

 50C72B

 CAC7CB

 41C718

 D9C7DF

 32C704

 E8C7F2

 2FC700

 F7C7FF

 FFC7FF

# Harmonies

## Analogous

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



BDBD64



8DC77B



51CDA2

# Triad

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



8DC77B



46C2FF



FF96A3

# Complementary

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



8DC77B



B57BC7

# 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.



FD98CE



8DC77B



9DB5FF

# Square

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



8DC77B



00CBF4



D8A5F4



FFA07D

# Rectangle

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



8DC77B



00CEBF



D8A5F4



FF96B1

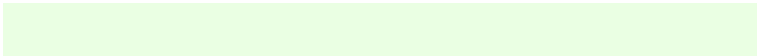


# Sweetspot

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



8DC77B



EAFFE3



C7B47B



73806F



000000



808080

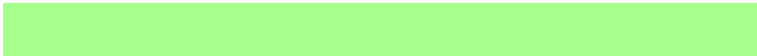


# Same Dimension

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



8DC77B



A5FF8A



7BC78E



5C635A



27A300



082400



# Inverse Universe

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



B57BC7



E38AFF



C77BB4



615A63



7D00A3



1B0024



# Previews

## White Background



This preview shows how the Hex color 8DC77B looks on a white background.

## Color Contrast Check

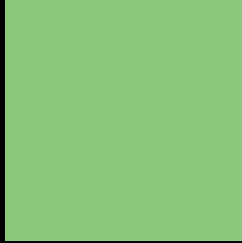
Large Text (above 18pt) WCAG AA × Fail

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 8DC77B 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 8DC77B Background



This preview shows how black text looks on a background with the Hex color 8DC77B.

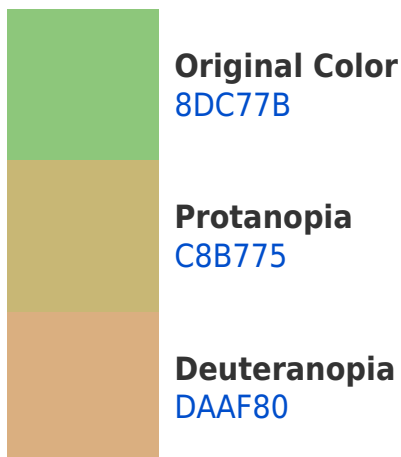


This preview shows how white text looks on a background with the Hex color 8DC77B.

# Color Blindness Simulation

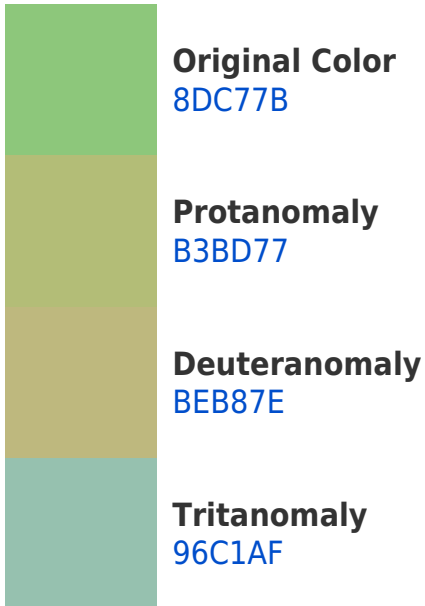
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

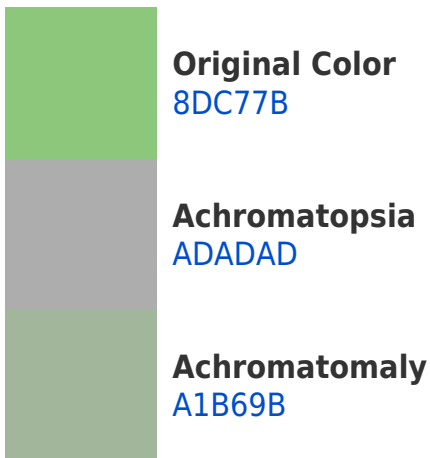




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC77B 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 #8DC77B looks like.

```
.text, #text, p{  
    color:#8DC77B  
}
```

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 #8DC77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC77B
}
```

## Border

The CSS property to change the border of an element to Hex 8DC77B 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
#8DC77B }
```

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

```
.border{ border-color:#8DC77B }
```

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

Here you see how a box with a 4 pixel #8DC77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC77B; -webkit-box-shadow:4px 4px  
4px 4px #8DC77B; box-shadow:4px 4px 4px  
4px #8DC77B }
```

# Background

The CSS property to change the background color of an element to Hex 8DC77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC77B }
```

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

```
.background{ background-color:#8DC77B }
```

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