

# Converting Colors

Hex(C8D77F)

Have a look what the booklet for  
Hex(C8D77F) contains.

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# Color

Hex(C8D77F)

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D77F
RGB	200, 215, 127
RGB Percent	78%, 84%, 50%
CMY	0.2157, 0.1569, 0.5020
CMYK	0.07, 0.00, 0.41, 0.16
HSL	70°, 52%, 67%
HSV	70°, 41%, 84%
XYZ	51.9506, 62.4125, 29.3874
YIQ	200.4830, 19.3080, -30.5480

# Conversions

## Conversions Part 2

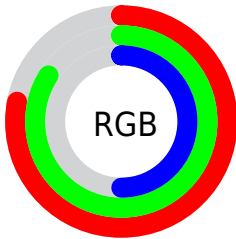
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 215, 142
Decimal	13162367
CIELab	83.13, -18.49, 41.67
CIElCh	83, 45.584, 113.924
Yxy	62.4125, 0.3614, 0.4342
Android (android.graphics.Color)	4291352447 (0xFFC8D77F)
YUV	200.4830, -36.2271, -0.4236
Hunter-Lab	79.0016, -20.8731, 33.2461

# Details

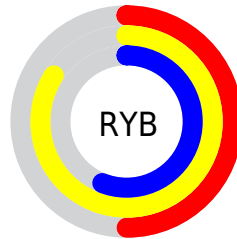
The Hex color **C8D77F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8E7FD7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFB5**, and **91A04C** is the 20% darker color. If you saturate the color by 10%, you get **C4D76A**, and if you desaturate by 10%, it is **CCD795**.

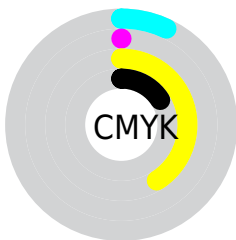
# Distribution



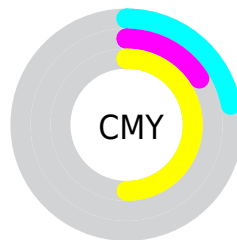
- Red (78%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8D77F 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 C8D77F by changing the saturation by 10% instead.



 C8D77F

FFFFFF

 FFFFB5

 FFFFD1

 FFFFEE

 C8D77F

 ACBB65

 91A04C

 768633

 5C6D1A

 435500

 2B3D00

 122700

 001300

 000000

 C8D77F

 C8D77F

 C4D76A

 CCD795

 C1D754

 CFD7AA

 BDD73E

 D3D7C0

 B9D729

 D7D7D5

 B6D714

 DAD7EB

 B2D700

 DED7FF

 E2D7FF

 E5D7FF

 E9D7FF

# Harmonies

## Analogous

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



F3CA79



C8D77F



96E09B

# Triad

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



C8D77F



20E0FF



FFAEDA

# Complementary

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



C8D77F



8E7FD7

# 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.



FDB8FF



C8D77F



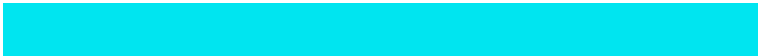
7FD6FF

# Square

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



C8D77F



00E5F0



C7C7FF



FFAFAE

# Rectangle

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



C8D77F



70E4B6



C7C7FF



FFB0E8

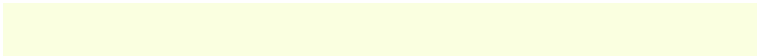


# Sweetspot

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



C8D77F



FAFFE0



D78E7F



7C806E



000000



808080



# Same Dimension

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



C8D77F



EAFF82



9CD77F



696B60



8EAB00



242B00



# Inverse Universe

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



8E7FD7



9782FF



BA7FD7



62606B



1D00AB



07002B



# Previews

## White Background



This preview shows how the Hex color C8D77F looks on a white background.

## Color Contrast Check

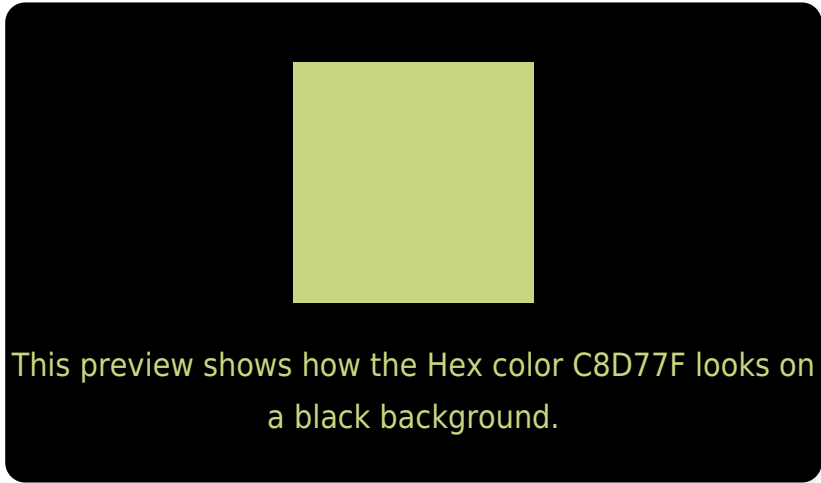
Large Text (above 18pt) WCAG AA × Fail

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

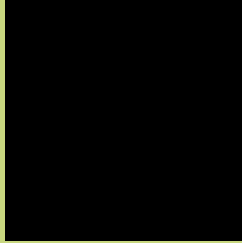
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8D77F Background



This preview shows how black text looks on a background with the Hex color C8D77F.

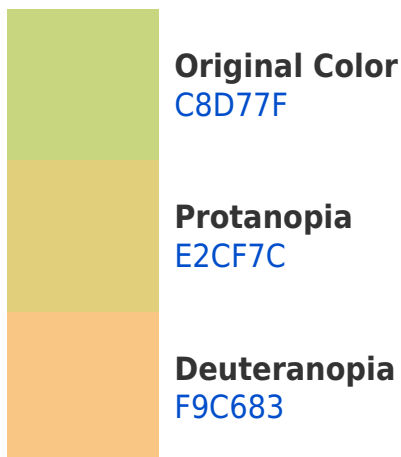


This preview shows how white text looks on a background with the Hex color C8D77F.

# Color Blindness Simulation

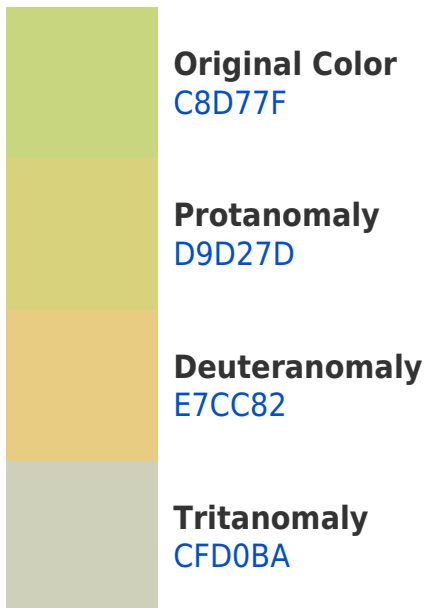
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8D77F 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 #C8D77F looks like.

```
.text, #text, p{  
    color:#C8D77F  
}
```

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 #C8D77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D77F
}
```

## Border

The CSS property to change the border of an element to Hex C8D77F 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
#C8D77F }
```

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

```
.border{ border-color:#C8D77F }
```

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

Here you see how a box with a 4 pixel #C8D77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D77F; -webkit-box-shadow:4px 4px  
4px 4px #C8D77F; box-shadow:4px 4px 4px  
4px #C8D77F }
```

# Background

The CSS property to change the background color of an element to Hex C8D77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D77F }
```

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

```
.background{ background-color:#C8D77F }
```

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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