

# Converting Colors

Hex(8DDE7F)

Have a look what the booklet for  
Hex(8DDE7F) contains.

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# Color

Hex(8DDE7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDE7F
RGB	141, 222, 127
RGB Percent	55%, 87%, 50%
CMY	0.4471, 0.1294, 0.5020
CMYK	0.36, 0.00, 0.43, 0.13
HSL	111°, 59%, 68%
HSV	111°, 43%, 87%
XYZ	40.9365, 59.4376, 29.3937
YIQ	186.9510, -17.7810, -46.7170

# Conversions

## Conversions Part 2

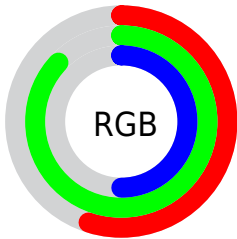
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 222, 208
Decimal	9297535
CIELab	81.53, -42.80, 38.90
CIELCh	82, 57.834, 137.733
Yxy	59.4376, 0.3155, 0.4580
Android (android.graphics.Color)	4287487615 (0xFF8DDE7F)
YUV	186.9510, -29.5558, -40.2990
Hunter-Lab	77.0958, -40.1371, 31.3620

# Details

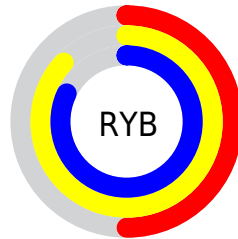
The Hex color **8DDE7F** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D07FDE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C6FFB5**, and **56A64C** is the 20% darker color. If you saturate the color by 10%, you get **7ADE69**, and if you desaturate by 10%, it is **A0DE95**.

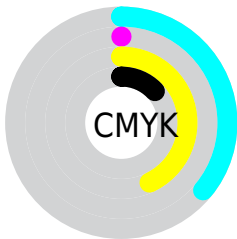
# Distribution



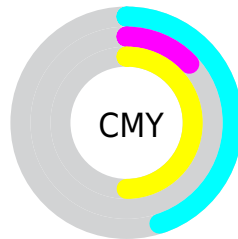
- Red (55%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DDE7F 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 8DDE7F by changing the saturation by 10% instead.



 8DDE7F

 8DDE7F

FFFFFF

 71C265

 C6FFB5

 56A64C

 E3FFD1

 3A8B33

 FFFFEE

 1A711A

 005800

 004000

 002A00

 000A00

 000000

 8DDE7F

 8DDE7F

 7ADE69

 A0DE95

 67DE53

 B3DEAB

 54DE3C

 C6DEC2

 41DE26

 D9DED8

 2EDE10

 ECDEEE

 21DE00

 FFDEFF

# Harmonies

## Analogous

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



CBD25F



8DDE7F



23E5B2

# Triad

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



8DDE7F



00D7FF



FF9EAC

# Complementary

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



8DDE7F



D07FDE

# 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.



FF9FE3



8DDE7F



AAC5FF

# Square

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



8DDE7F



00E2FF



F7B0FF



FFAC7C

# Rectangle

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



8DDE7F



00E6D7



F7B0FF



FF9DBF

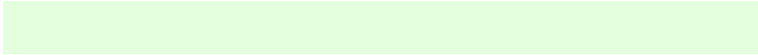


# Sweetspot

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



8DDE7F



E3FFDE



DED07F



6E806B



000000



808080



# Same Dimension

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



8DDE7F



90FF7D



7FDEA0



677065



1AB000



073000



# Inverse Universe

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



D07FDE



EC7DFF



DE7FBD



6F6570



9600B0



290030



# Previews

## White Background



This preview shows how the Hex color 8DDE7F looks on a white background.

## Color Contrast Check

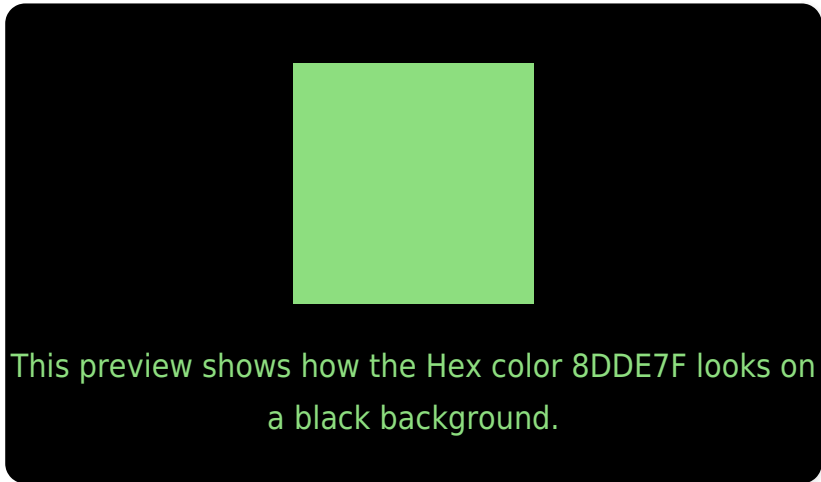
Large Text (above 18pt) WCAG AA × Fail

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

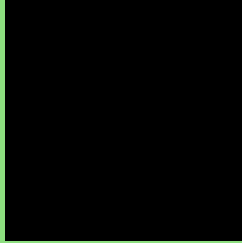
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DDE7F Background



This preview shows how black text looks on a background with the Hex color 8DDE7F.

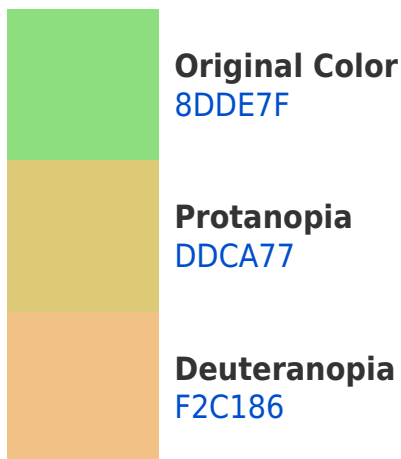


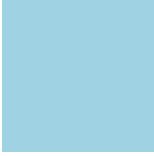
This preview shows how white text looks on a background with the Hex color 8DDE7F.

# 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**  
9FD2E3

# Trichromacy



**Original Color**  
8DDE7F



**Protanomaly**  
C0D17A



**Deuteranomaly**  
CDCC83



**Tritanomaly**  
98D6BF

# Monochromacy



**Original Color**  
8DDE7F



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
AAC8A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DDE7F 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 #8DDE7F looks like.

```
.text, #text, p{  
    color:#8DDE7F  
}
```

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 #8DDE7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDE7F
}
```

## Border

The CSS property to change the border of an element to Hex 8DDE7F 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
#8DDE7F }
```

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

```
.border{ border-color:#8DDE7F }
```

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

Here you see how a box with a 4 pixel #8DDE7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDE7F; -webkit-box-shadow:4px 4px  
4px 4px #8DDE7F; box-shadow:4px 4px 4px  
4px #8DDE7F }
```

# Background

The CSS property to change the background color of an element to Hex 8DDE7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDE7F }
```

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

```
.background{ background-color:#8DDE7F }
```

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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