

# Converting Colors

Hex(8DDF8F)

Have a look what the booklet for  
Hex(8DDF8F) contains.

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# **Color**

**Hex(8DDF8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDF8F
RGB	141, 223, 143
RGB Percent	55%, 87%, 56%
CMY	0.4471, 0.1255, 0.4392
CMYK	0.37, 0.00, 0.36, 0.13
HSL	121°, 56%, 71%
HSV	121°, 37%, 87%
XYZ	42.3301, 60.4212, 35.4180
YIQ	189.3620, -23.1920, -42.2640

# Conversions

## Conversions Part 2

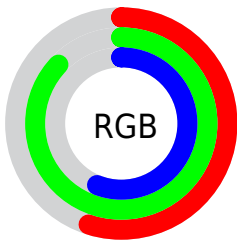
Format	Color
<a href="#">RYB</a>	<a href="#">141, 221, 223</a>
Decimal	<a href="#">9297807</a>
CIELab	<a href="#">82.07, -40.87, 31.53</a>
CIELCh	<a href="#">82, 51.619, 142.346</a>
Yxy	<a href="#">60.4212, 0.3064, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4287487887 (0xFF8DDF8F)</a>
YUV	<a href="#">189.3620, -22.8565, -42.4135</a>
Hunter-Lab	<a href="#">77.7311, -38.8235, 27.3964</a>

# Details

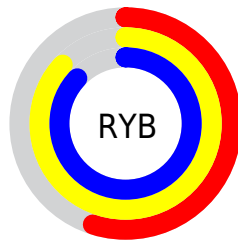
The Hex color **8DDF8F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DF8DDD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C5FFC5**, and **56A75C** is the 20% darker color. If you saturate the color by 10%, you get **77DF79**, and if you desaturate by 10%, it is **A3DFA5**.

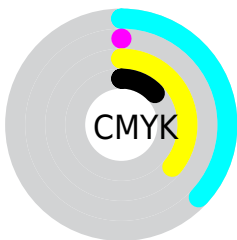
# Distribution



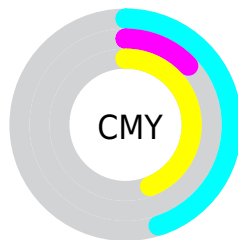
- Red (55%)
- Green (87%)
- Blue (56%)



- Red (55%)
- Yellow (87%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DDF8F 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 8DDF8F by changing the saturation by 10% instead.



 8DDF8F

FFFFFF

 C5FFC5

 E2FFE2

FFFFFFE

 8DDF8F

 72C375

 56A75C

 3B8C43

 1C722C

 005914

 004100

 002B00

 000E00

 000000

 8DDF8F

 8DDF8F

 77DF79

 A3DFA5

 60DF63

 BADFBB

 4ADF4E

 D0DFD0

 34DF38

 E6DFE6

 1EDF22

 FDDFFC

 07DF0C

 FFDFFF

 00DF05

# Harmonies

## Analogous

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



C6D470



8DDF8F



3CE4BE

# Triad

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



8DDF8F



60D5FF



FFA7AA

# Complementary

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



8DDF8F



DF8DDD

# 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.



FFA6DB



8DDF8F



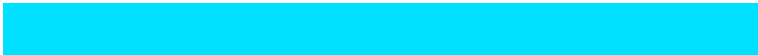
BEC4FF

# Square

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



8DDF8F



00E0FF



FDB2FF



FFB481

# Rectangle

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



8DDF8F



00E5DF



FDB2FF



FFA5BA

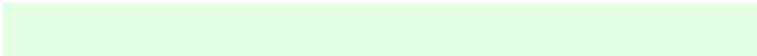


# Sweetspot

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



8DDF8F



E3FFE4



DED8D



6F806F



000000



808080

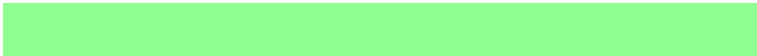


# Same Dimension

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



8DDF8F



8FFF92



8DDFB7



657065



00B004



003001



# Inverse Universe

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



DF8DDD



FF8FFC



DF8DB5



706570



B000AC



30002F



# Previews

## White Background



This preview shows how the Hex color 8DDF8F looks on a white background.

## Color Contrast Check

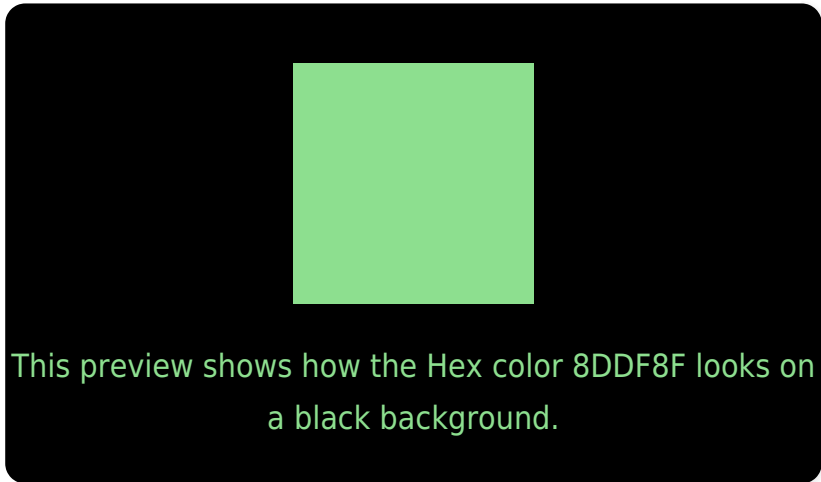
Large Text (above 18pt) WCAG AA × Fail

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

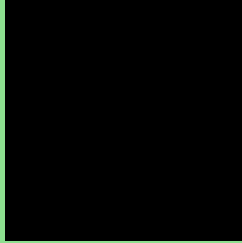
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DDF8F Background



This preview shows how black text looks on a background with the Hex color 8DDF8F.

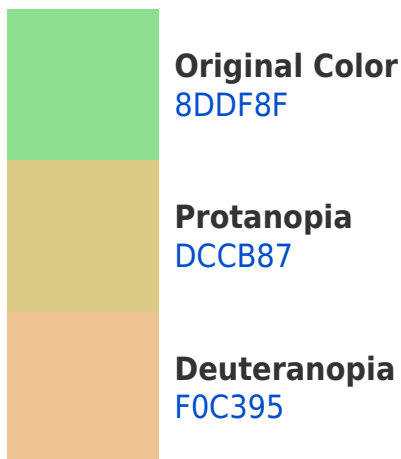


This preview shows how white text looks on a background with the Hex color 8DDF8F.

# 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](#).

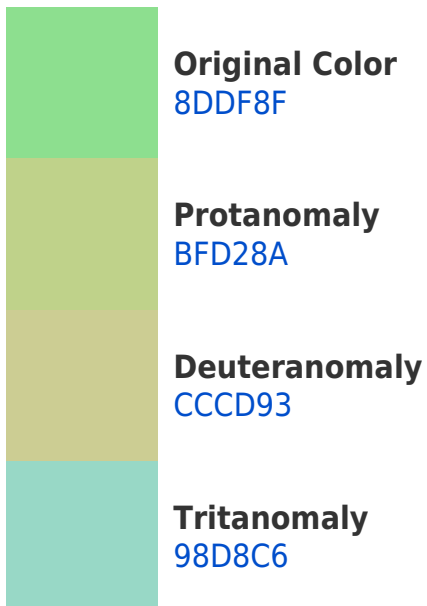
## Dichromacy



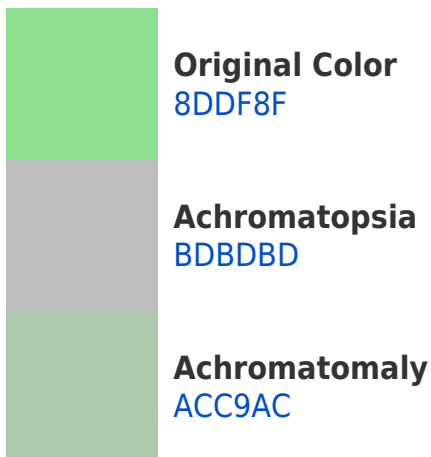


**Tritanopia**  
9ED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DDF8F 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 #8DDF8F looks like.

```
.text, #text, p{  
    color:#8DDF8F  
}
```

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 #8DDF8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDF8F
}
```

## Border

The CSS property to change the border of an element to Hex 8DDF8F 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
#8DDF8F }
```

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

```
.border{ border-color:#8DDF8F }
```

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

Here you see how a box with a 4 pixel #8DDF8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDF8F; -webkit-box-shadow:4px 4px  
4px 4px #8DDF8F; box-shadow:4px 4px 4px  
4px #8DDF8F }
```

# Background

The CSS property to change the background color of an element to Hex 8DDF8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDF8F }
```

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

```
.background{ background-color:#8DDF8F }
```

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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