

Converting Colors

Hex(8DF79E)

Have a look what the booklet for
Hex(8DF79E) contains.

Hex(8DF79E)	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(8DF79E)

Conversions

Conversions Part 1

Format	Color
Hex	8DF79E
RGB	141, 247, 158
RGB Percent	55%, 97%, 62%
CMY	0.4471, 0.0314, 0.3804
CMYK	0.43, 0.00, 0.36, 0.03
HSL	130°, 87%, 76%
HSV	130°, 43%, 97%
XYZ	50.4168, 74.6529, 44.1000
YIQ	205.1600, -34.6070, -50.1510

Conversions

Conversions Part 2

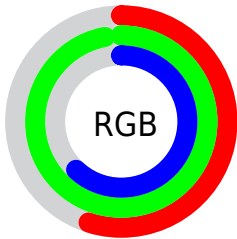
Format	Color
RYB	141, 232, 247
Decimal	9303966
CIELab	89.23, -48.83, 33.46
CIELCh	89, 59.194, 145.584
Yxy	74.6529, 0.2980, 0.4413
Android (android.graphics.Color)	4287494046 (0xFF8DF79E)
YUV	205.1600, -23.2499, -56.2683
Hunter-Lab	86.4019, -47.0458, 30.2194

Details

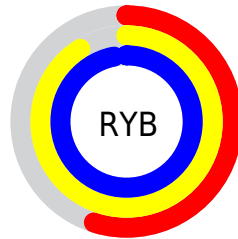
The Hex color **8DF79E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F78DE6**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C7FFD5**, and **53BE6A** is the 20% darker color. If you saturate the color by 10%, you get **74F789**, and if you desaturate by 10%, it is **A6F7B3**.

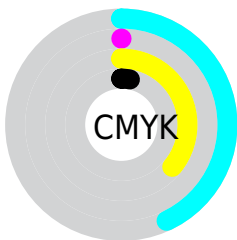
Distribution



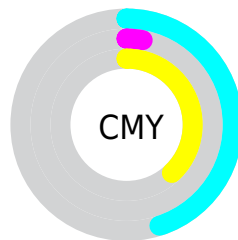
- Red (55%)
- Green (97%)
- Blue (62%)



- Red (55%)
- Yellow (91%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DF79E 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 8DF79E by changing the saturation by 10% instead.

 8DF79E

 8DF79E

FFFFFF

 70DA83

 C7FFD5

 53BE6A

 E4FFF2

 35A251

 078738

 006D20

 005406

 003C00

 002600

 000000

 8DF79E

 8DF79E

 74F789

 A6F7B3

 5CF775

 BEF7C7

 43F760

 D7F7DC

 2AF74B

 F0F7F1

 12F736

 FFF7FF

 00F728

Harmonies

Analogous

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



D2EB77



8DF79E



00FDD6

Triad

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



8DF79E



68E9FF



FFB5B2

Complementary

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



8DF79E



F78DE6

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.



FFB2EB



8DF79E



D8D5FF

Square

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



8DF79E



00F6FF



FFBFFF



FFC684

Rectangle

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



8DF79E



00DFD



FFBFFF



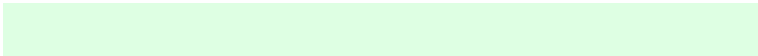
FFB2C5

Sweetspot

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



8DF79E



DEFFE3



E7F78D



6B806E



000000



808080

Same Dimension

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



8DF79E



7DFF92



8DF7D2



6E7A70



00BA1E



003B09

Inverse Universe

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



F78DE6



FF7DEA



F78DB2



7A6E78



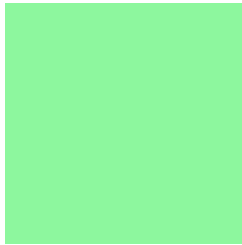
BA009C



3B0031

Previews

White Background



This preview shows how the Hex color 8DF79E looks on a white background.

Color Contrast Check

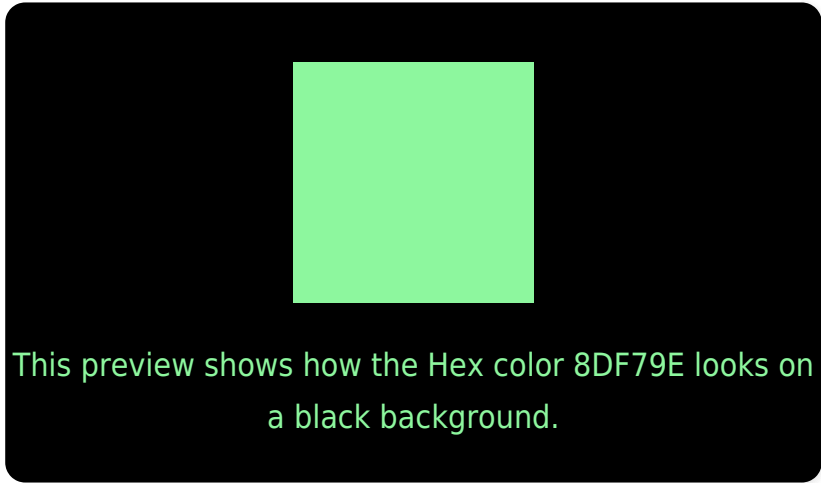
Large Text (above 18pt) WCAG AA × Fail

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

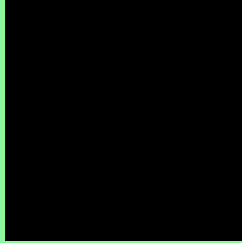
Any Text WCAG AA ✓ Pass

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 8DF79E Background



This preview shows how black text looks on a background with the Hex color 8DF79E.

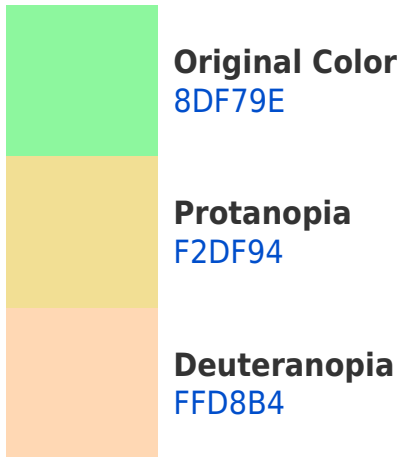


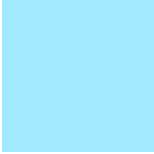
This preview shows how white text looks on a background with the Hex color 8DF79E.

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
A2EBFE

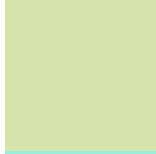
Trichromacy



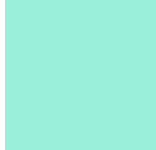
Original Color
8DF79E



Protanomaly
CDE898



Deuteranomaly
D6E3AC

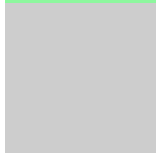


Tritanomaly
9AEFDB

Monochromacy



Original Color
8DF79E



Achromatopsia
CDCDCD



Achromatomaly
B6DCBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DF79E 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 #8DF79E looks like.

```
.text, #text, p{  
    color:#8DF79E  
}
```

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 #8DF79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF79E
}
```

Border

The CSS property to change the border of an element to Hex 8DF79E 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
#8DF79E }
```

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

```
.border{ border-color:#8DF79E }
```

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

Here you see how a box with a 4 pixel #8DF79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF79E; -webkit-box-shadow:4px 4px  
4px 4px #8DF79E; box-shadow:4px 4px 4px  
4px #8DF79E }
```

Background

The CSS property to change the background color of an element to Hex 8DF79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF79E }
```

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

```
.background{ background-color:#8DF79E }
```

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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