

Converting Colors

Hex(8DEF87)

Have a look what the booklet for
Hex(8DEF87) contains.

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Color

Hex(8DEF87)

Conversions

Conversions Part 1

Format	Color
Hex	8DEF87
RGB	141, 239, 135
RGB Percent	55%, 94%, 53%
CMY	0.4471, 0.0627, 0.4706
CMYK	0.41, 0.00, 0.44, 0.06
HSL	117°, 76%, 73%
HSV	117°, 44%, 94%
XYZ	46.2242, 69.1450, 33.8317
YIQ	197.8420, -25.0240, -53.1200

Conversions

Conversions Part 2

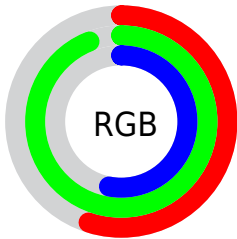
Format	Color
RYB	135, 239, 233
Decimal	9301895
CIELab	86.58, -48.94, 41.39
CIElCh	87, 64.095, 139.774
Yxy	69.1450, 0.3098, 0.4634
Android (android.graphics.Color)	4287491975 (0xFF8DEF87)
YUV	197.8420, -30.9811, -49.8504
Hunter-Lab	83.1535, -46.2922, 34.0848

Details

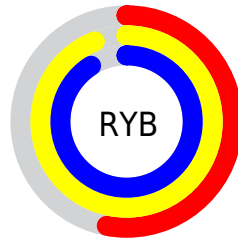
The Hex color **8DEF87** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E987EF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C7FFBE**, and **54B653** is the 20% darker color. If you saturate the color by 10%, you get **76EF6F**, and if you desaturate by 10%, it is **A4EF9F**.

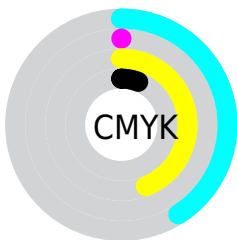
Distribution



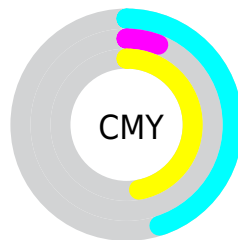
- Red (55%)
- Green (94%)
- Blue (53%)



- Red (53%)
- Yellow (94%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DEF87 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 8DEF87 by changing the saturation by 10% instead.

 8DEF87

FFFFFF

 C7FFBE

 E4FFDA

 FFFFF7

 8DEF87

 71D26D

 54B653

 369B3A

 0D8021

 006602

 004D00

 003500

 001F00

 000000

 8DEF87

 8DEF87

 76EF6F

 A4EF9F

 60EF57

 BAEFB7

 49EF3F

 D1EFCF

 33EF27

 E7EFE7

 1CEF10

 FEEFFE

 0EEF00

 FFEFFF

Harmonies

Analogous

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



D4E260



8DEF87



00F6C1

Triad

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



8DEF87



00E5FF



FFA6B3

Complementary

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



8DEF87



E987EF

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.



FFA7F0



8DEF87



BAD1FF

Square

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



8DEF87



00F2FF



FFB9FF



FFB77E

Rectangle

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



8DEF87



00F7EB



FFB9FF



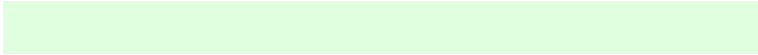
FFA4C7

Sweetspot

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



8DEF87



E0FFDE



EFE887



6C806B



000000



808080

Same Dimension

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



8DEF87



82FF7A



87EFB4



6D786C



0BB800



033800

Inverse Universe

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



E987EF



F77AFF



EF87C2



776C78



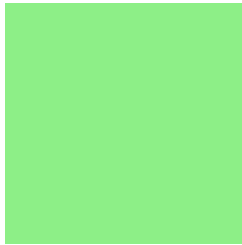
AD00B8



350038

Previews

White Background



This preview shows how the Hex color 8DEF87 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 8DEF87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

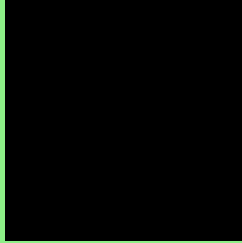
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

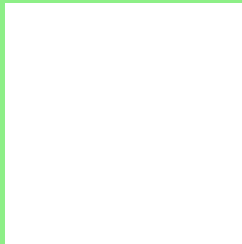
Any Text WCAG AAA ✓ Pass

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

Hex 8DEF87 Background



This preview shows how black text looks on a background with the Hex color 8DEF87.

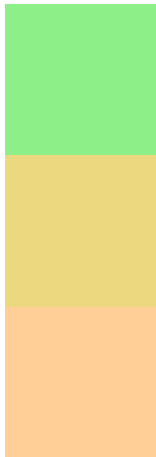


This preview shows how white text looks on a background with the Hex color 8DEF87.

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](#).

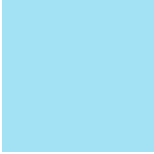
Dichromacy



Original Color
8DEF87

Protanopia
ECD87E

Deuteranopia
FFCF97

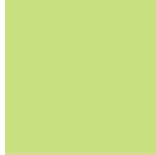


Tritanopia
A2E2F4

Trichromacy



Original Color
8DEF87



Protanomaly
C9E081



Deuteranomaly
D6DB91



Tritanomaly
9AE7CC

Monochromacy



Original Color
8DEF87



Achromatopsia
C6C6C6



Achromatomaly
B1D5AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DEF87 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 #8DEF87 looks like.

```
.text, #text, p{  
    color:#8DEF87  
}
```

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 #8DEF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DEF87
}
```

Border

The CSS property to change the border of an element to Hex 8DEF87 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
#8DEF87 }
```

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

```
.border{ border-color:#8DEF87 }
```

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

Here you see how a box with a 4 pixel #8DEF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DEF87; -webkit-box-shadow:4px 4px  
4px 4px #8DEF87; box-shadow:4px 4px 4px  
4px #8DEF87 }
```

Background

The CSS property to change the background color of an element to Hex 8DEF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DEF87 }
```

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

```
.background{ background-color:#8DEF87 }
```

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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