

Converting Colors

Hex(8DE2AF)

Have a look what the booklet for
Hex(8DE2AF) contains.

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Color

Hex(8DE2AF)

Conversions

Conversions Part 1

Format	Color
Hex	8DE2AF
RGB	141, 226, 175
RGB Percent	55%, 89%, 69%
CMY	0.4471, 0.1137, 0.3137
CMYK	0.38, 0.00, 0.23, 0.11
HSL	144°, 59%, 72%
HSV	144°, 38%, 89%
XYZ	45.9187, 63.1506, 50.3266
YIQ	194.7710, -34.2890, -33.8810

Conversions

Conversions Part 2

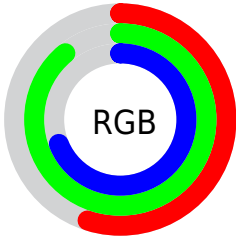
Format	Color
RYB	141, 202, 226
Decimal	9298607
CIELab	83.52, -36.64, 16.95
CIELCh	84, 40.372, 155.170
Yxy	63.1506, 0.2881, 0.3962
Android (android.graphics.Color)	4287488687 (0xFF8DE2AF)
YUV	194.7710, -9.7471, -47.1572
Hunter-Lab	79.4673, -35.9249, 18.0789

Details

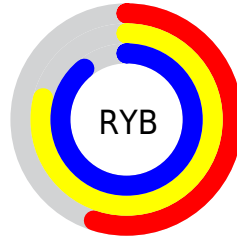
The Hex color **8DE2AF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E28DC0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C5FFE7**, and **56AA7A** is the 20% darker color. If you saturate the color by 10%, you get **76E2A1**, and if you desaturate by 10%, it is **A4E2BD**.

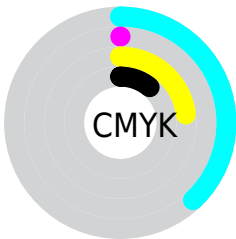
Distribution



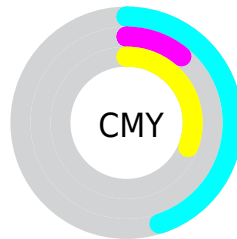
- Red (55%)
- Green (89%)
- Blue (69%)



- Red (55%)
- Yellow (79%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DE2AF 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 8DE2AF by changing the saturation by 10% instead.

 8DE2AF

FFFFFF

 C5FFE7

 E2FFFF

 8DE2AF

 72C694

 56AA7A

 3B8F61

 1C7549

 005C33

 00441D

 002D05

 001500

 000000

 8DE2AF

 8DE2AF

 76E2A1

 A4E2BD

 60E294

 BAE2CA

 49E286

 D1E2D8

 33E279

 E7E2E5

 1CE26B

 FEE2F3

 05E25E

 FFE2FF

 00E25A

Harmonies

Analogous

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



BBDB91



8DE2AF



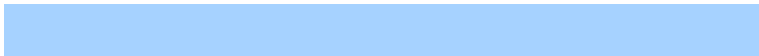
5EE5D6

Triad

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



8DE2AF



A6D2FF



FFB8A6

Complementary

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



8DE2AF



E28DC0

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.



FFB3CB



8DE2AF



DEC4FF

Square

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



8DE2AF



69DDFF



FFB8F1



FFC38C

Rectangle

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



8DE2AF



46E4EF



FFB8F1



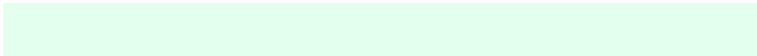
FFB5B2

Sweetspot

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



8DE2AF



E3FFEE



C0E28D



6F8076



000000



808080

Same Dimension

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



8DE2AF



8CFFBA



8DE2DA



657069



00B046



003013

Inverse Universe

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



E28DC0



FF8CD1



E28D96



70656C



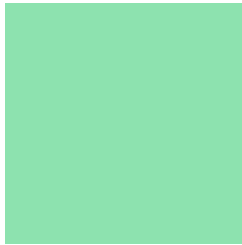
B0006A



30001D

Previews

White Background



This preview shows how the Hex color 8DE2AF looks on a white background.

Color Contrast Check

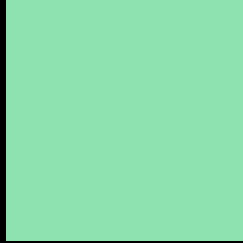
Large Text (above 18pt) WCAG AA × Fail

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 8DE2AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

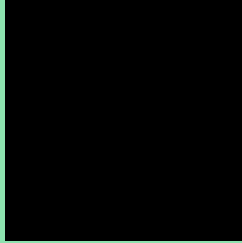
Any Text WCAG AA ✓ Pass

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 8DE2AF Background



This preview shows how black text looks on a background with the Hex color 8DE2AF.

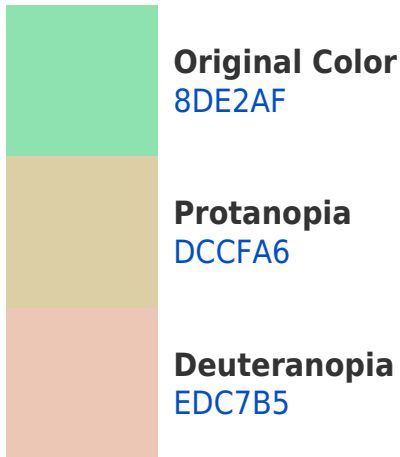


This preview shows how white text looks on a background with the Hex color 8DE2AF.

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



Original Color
8DE2AF



Protanomaly
BFD6A9



Deuteranomaly
CAD1B3



Tritanomaly
95DDD5

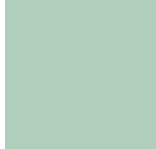
Monochromacy



Original Color
8DE2AF



Achromatopsia
C3C3C3



Achromatomaly
AFCEBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DE2AF 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 #8DE2AF looks like.

```
.text, #text, p{  
    color:#8DE2AF  
}
```

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 #8DE2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE2AF
}
```

Border

The CSS property to change the border of an element to Hex 8DE2AF 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
#8DE2AF }
```

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

```
.border{ border-color:#8DE2AF }
```

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

Here you see how a box with a 4 pixel #8DE2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE2AF; -webkit-box-shadow:4px 4px  
4px 4px #8DE2AF; box-shadow:4px 4px 4px  
4px #8DE2AF }
```

Background

The CSS property to change the background color of an element to Hex 8DE2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE2AF }
```

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

```
.background{ background-color:#8DE2AF }
```

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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