

Converting Colors

Hex(8DECA8)

Have a look what the booklet for
Hex(8DECA8) contains.

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Color

Hex(8DECA8)

Conversions

Conversions Part 1

Format	Color
Hex	8DECA8
RGB	141, 236, 168
RGB Percent	55%, 93%, 66%
CMY	0.4471, 0.0745, 0.3412
CMYK	0.40, 0.00, 0.29, 0.07
HSL	137°, 71%, 74%
HSV	137°, 40%, 93%
XYZ	48.0478, 68.4808, 47.7315
YIQ	199.8430, -34.7920, -41.2880

Conversions

Conversions Part 2

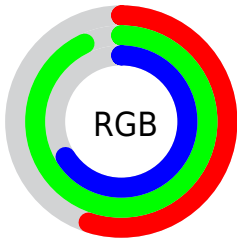
Format	Color
RYB	141, 215, 236
Decimal	9301160
CIELab	86.25, -42.41, 24.36
CIElCh	86, 48.908, 150.132
Yxy	68.4808, 0.2925, 0.4169
Android (android.graphics.Color)	4287491240 (0xFF8DECA8)
YUV	199.8430, -15.6986, -51.6053
Hunter-Lab	82.7531, -41.1779, 23.7291

Details

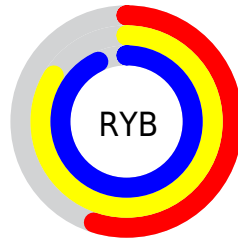
The Hex color **8DECA8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EC8DD1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C6FFDF**, and **55B474** is the 20% darker color. If you saturate the color by 10%, you get **75EC97**, and if you desaturate by 10%, it is **A5ECB9**.

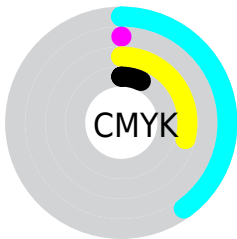
Distribution



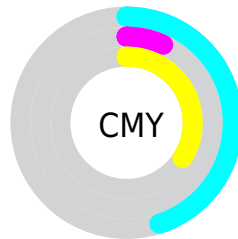
- Red (55%)
- Green (93%)
- Blue (66%)



- Red (55%)
- Yellow (84%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8DECA8 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 8DECA8 by changing the saturation by 10% instead.

 8DECA8

 8DECA8

FFFFFF

 71CF8D

 C6FFDF

 55B474

 E3FFFC

 38985B

 157E43

 00642C

 004B15

 003400

 001E00

 000000

 8DECA8

 8DECA8

 75EC97

 A5ECB9

 5EEC86

 BCECCA

 46EC75

 D4ECDB

 2FEC64

 EBCECEC

 17EC54

 FFECFC

 00EC43

 FFECFF

Harmonies

Analogous

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



C5E386



8DECA8



43F0D6

Triad

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



8DECA8



91DCFF



FFB7AC

Complementary

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



8DECA8



EC8DD1

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.



FFB3D9



8DECA8



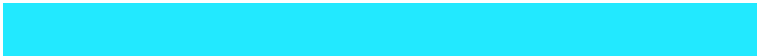
DDCCFF

Square

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



8DECA8



22E9FF



FFBBFF



FFC588

Rectangle

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



8DECA8



00F0F6



FFBBFF



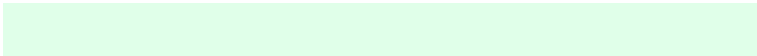
FFB4BA

Sweetspot

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



8DECA8



E0FFE9



D1EC8D



6E8073



000000



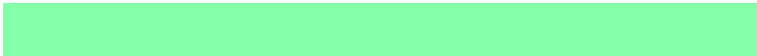
808080

Same Dimension

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



8DECA8



85FFA7



8DECD7



6A756D



00B533



00360F

Inverse Universe

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



EC8DD1



FF85DC



EC8DA2



756A72



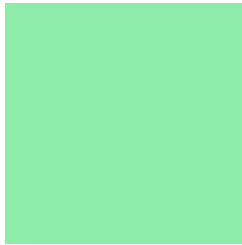
B50082



360026

Previews

White Background



This preview shows how the Hex color 8DECA8 looks on a white background.

Color Contrast Check

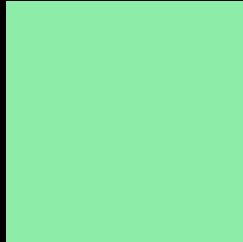
Large Text (above 18pt) WCAG AA × Fail

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 8DECA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

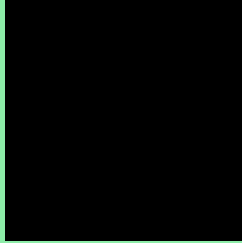
Any Text WCAG AA ✓ Pass

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 8DECA8 Background



This preview shows how black text looks on a background with the Hex color 8DECA8.

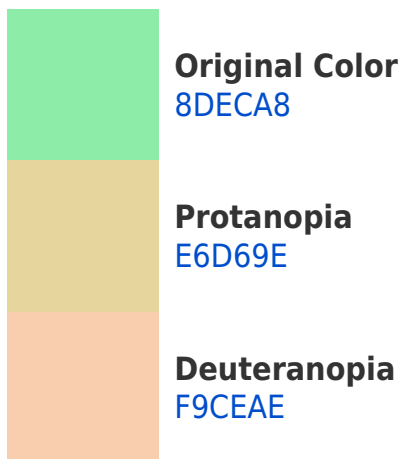


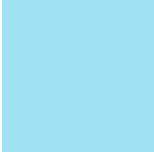
This preview shows how white text looks on a background with the Hex color 8DECA8.

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



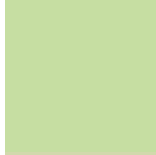


Tritanopia
9EE2F4

Trichromacy



Original Color
8DECA8



Protanomaly
C6DEA2



Deuteranomaly
D2D9AC



Tritanomaly
98E6D8

Monochromacy



Original Color
8DECA8



Achromatopsia
C8C8C8



Achromatomaly
B3D5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DECA8 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 #8DECA8 looks like.

```
.text, #text, p{  
    color:#8DECA8  
}
```

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 #8DECA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DECA8
}
```

Border

The CSS property to change the border of an element to Hex 8DECA8 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
#8DECA8 }
```

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

```
.border{ border-color:#8DECA8 }
```

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

Here you see how a box with a 4 pixel #8DECA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DECA8; -webkit-box-shadow:4px 4px  
4px 4px #8DECA8; box-shadow:4px 4px 4px  
4px #8DECA8 }
```

Background

The CSS property to change the background color of an element to Hex 8DECA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DECA8 }
```

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

```
.background{ background-color:#8DECA8 }
```

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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