

# Converting Colors

Hex(8ADE91)

Have a look what the booklet for  
Hex(8ADE91) contains.

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# Color

**Hex(8ADE91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ADE91
RGB	138, 222, 145
RGB Percent	54%, 87%, 57%
CMY	0.4588, 0.1294, 0.4314
CMYK	0.38, 0.00, 0.35, 0.13
HSL	125°, 56%, 71%
HSV	125°, 38%, 87%
XYZ	41.7133, 59.6902, 36.1109
YIQ	188.1060, -25.3470, -41.7550

# Conversions

## Conversions Part 2

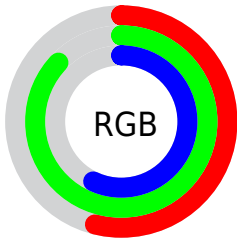
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 216, 222
Decimal	9100945
CIELab	81.67, -41.02, 29.96
CIElCh	82, 50.794, 143.859
Yxy	59.6902, 0.3033, 0.4341
Android (android.graphics.Color)	4287291025 (0xFF8ADE91)
YUV	188.1060, -21.2513, -43.9430
Hunter-Lab	77.2594, -38.8295, 26.3696

# Details

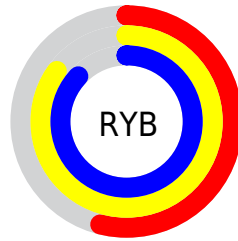
The Hex color **8ADE91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE8AD7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C2FFC7**, and **53A65E** is the 20% darker color. If you saturate the color by 10%, you get **74DE7D**, and if you desaturate by 10%, it is **A0DEA5**.

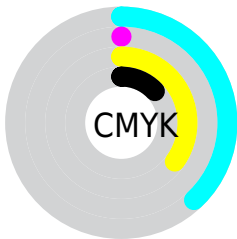
# Distribution



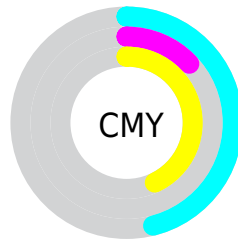
- Red (54%)
- Green (87%)
- Blue (57%)



- Red (54%)
- Yellow (85%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)



- Cyan (46%)
- Magenta (13%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ADE91 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 8ADE91 by changing the saturation by 10% instead.



 8ADE91

 8ADE91

FFFFFF

 6FC277

 C2FFC7

 53A65E

 DFFFE4

 378B45

FDFFFF

 17712E

 005816

 004000

 002A00

 000B00

 000000

 8ADE91

 8ADE91

 74DE7D

 A0DEA5

 5EDE68

 B6DEBA

 47DE54

 CDDECE

 31DE40

 E3DEE2

 1BDE2B

 F9DEF7

 05DE17

 FFDEFF

 00DE13

# Harmonies

## Analogous

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



C2D471



8ADE91



3AE3BF

# Triad

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



8ADE91



68D3FF



FFA7A7

# Complementary

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



8ADE91



DE8AD7

# 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.



FFA5D7



8ADE91



C1C2FF

# Square

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



8ADE91



00DEFF



FDB1FF



FFB480

# Rectangle

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



8ADE91



00E4E0



FDB1FF



FFA5B7

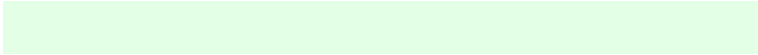


# Sweetspot

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



8ADE91



E3FFE5



D7DE8A



6F8070



000000



808080



# Same Dimension

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



8ADE91



8CFF96



8ADEBB



657066



00B00F



003004



# Inverse Universe

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



DE8AD7



FF8CF5



DE8AAD



70656F



B000A1

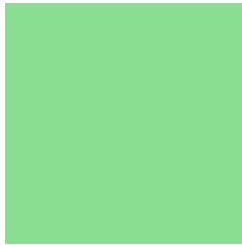


30002C



# Previews

## White Background



This preview shows how the Hex color 8ADE91 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 8ADE91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

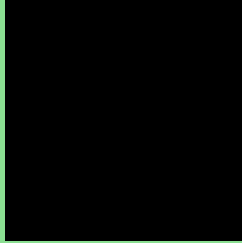
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8ADE91 Background



This preview shows how black text looks on a background with the Hex color 8ADE91.

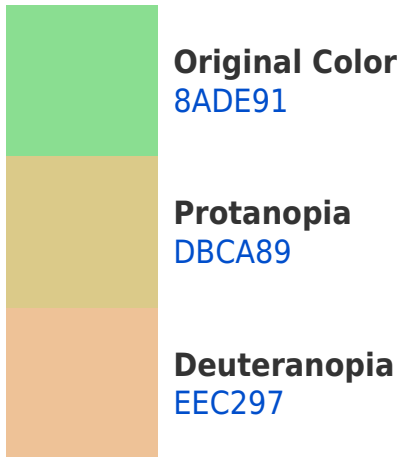


This preview shows how white text looks on a background with the Hex color 8ADE91.

# 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](#).

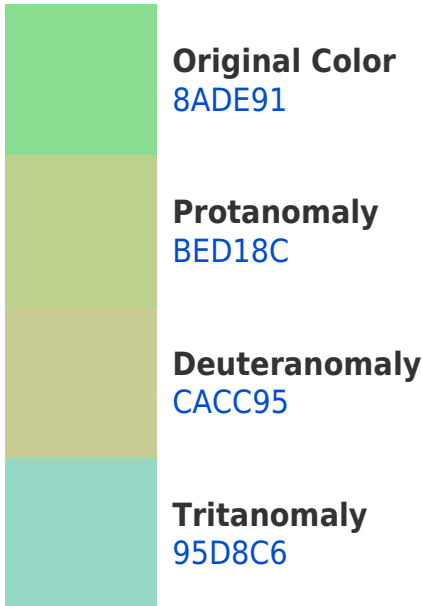
## Dichromacy



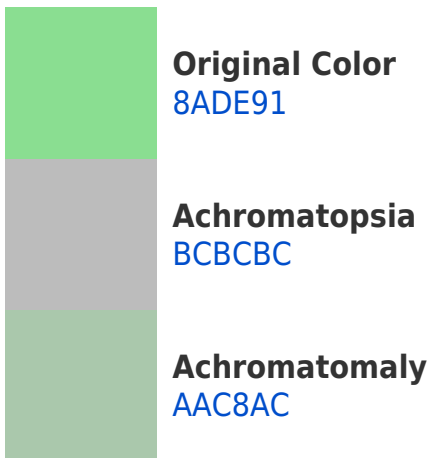


**Tritanopia**  
9BD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ADE91 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 #8ADE91 looks like.

```
.text, #text, p{  
    color:#8ADE91  
}
```

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 #8ADE91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ADE91
}
```

## Border

The CSS property to change the border of an element to Hex 8ADE91 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
#8ADE91 }
```

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

```
.border{ border-color:#8ADE91 }
```

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

Here you see how a box with a 4 pixel #8ADE91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ADE91; -webkit-box-shadow:4px 4px  
4px 4px #8ADE91; box-shadow:4px 4px 4px  
4px #8ADE91 }
```

# Background

The CSS property to change the background color of an element to Hex 8ADE91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ADE91 }
```

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

```
.background{ background-color:#8ADE91 }
```

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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