

# Converting Colors

Hex(8DE69E)

Have a look what the booklet for  
Hex(8DE69E) contains.

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**Color**

**Hex(8DE69E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DE69E
RGB	141, 230, 158
RGB Percent	55%, 90%, 62%
CMY	0.4471, 0.0980, 0.3804
CMYK	0.39, 0.00, 0.31, 0.10
HSL	131°, 64%, 73%
HSV	131°, 39%, 90%
XYZ	45.4529, 64.7250, 42.4453
YIQ	195.1810, -29.9320, -41.2600

# Conversions

## Conversions Part 2

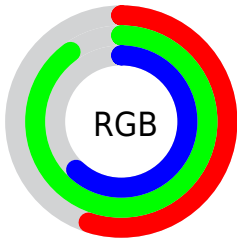
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 216, 230
Decimal	9299614
CIELab	84.34, -41.51, 26.90
CIELCh	84, 49.463, 147.051
Yxy	64.7250, 0.2978, 0.4241
Android (android.graphics.Color)	4287489694 (0xFF8DE69E)
YUV	195.1810, -18.3302, -47.5167
Hunter-Lab	80.4518, -39.9436, 25.0357

# Details

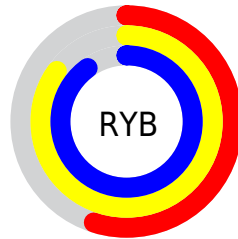
The Hex color **8DE69E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E68DD5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C6FFD5**, and **56AE6A** is the 20% darker color. If you saturate the color by 10%, you get **76E68B**, and if you desaturate by 10%, it is **A4E6B1**.

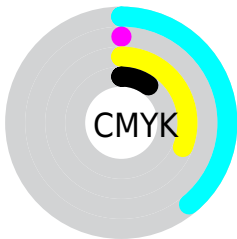
# Distribution



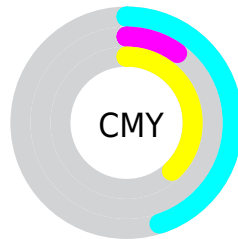
- Red (55%)
- Green (90%)
- Blue (62%)



- Red (55%)
- Yellow (85%)
- Blue (90%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (45%)
- Magenta (10%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE69E 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 8DE69E by changing the saturation by 10% instead.



 8DE69E

 8DE69E

FFFFFF

 71CA84

 C6FFD5

 56AE6A

 E3FFF2

 3A9351

 19793A

 005F23

 00470C

 002F00

 001800

 000000

 8DE69E

 8DE69E

 76E68B

 A4E6B1

 5FE679

 BBE6C3

 48E666

 D2E6D6

 31E654

 E9E6E8

 1AE641

 FFE6FB

 03E62E

 FFE6FF

 00E62C

# Harmonies

## Analogous

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



C5DC7D



8DE69E



42EBCC

# Triad

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



8DE69E



80D9FF



FFB0AA

# Complementary

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



8DE69E



E68DD5

# 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.



FFADD9



8DE69E



D0C8FF

# Square

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



8DE69E



00E4FF



FFB7FF



FFBE85

# Rectangle

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



8DE69E



00EBEC



FFB7FF



FFAEB9

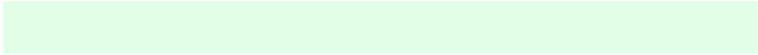


# Sweetspot

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



8DE69E



E0FFE6



D6E68D



6E8071



000000



808080



# Same Dimension

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



8DE69E



8AFFA0



8DE6CA



677369



00B322



00330A



# Inverse Universe

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



E68DD5



FF8AE9



E68DA9



736771



B30090

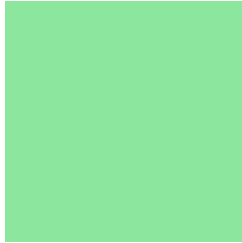


330029



# Previews

## White Background



This preview shows how the Hex color 8DE69E looks on a white background.

## Color Contrast Check

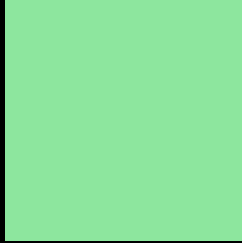
Large Text (above 18pt) WCAG AA × Fail

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 8DE69E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

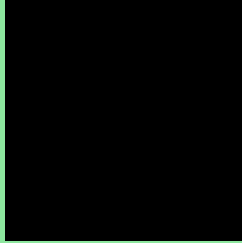
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DE69E Background



This preview shows how black text looks on a background with the Hex color 8DE69E.

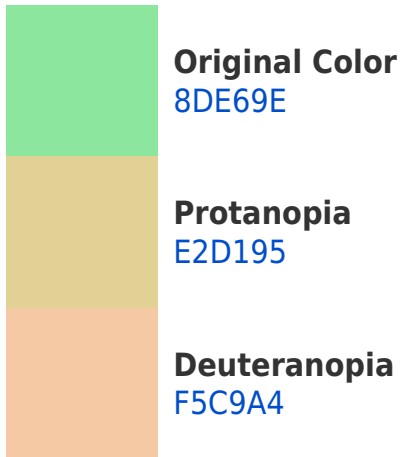


This preview shows how white text looks on a background with the Hex color 8DE69E.

# 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



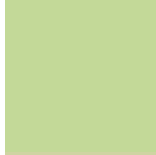


**Tritanopia**  
9DDCEE

# Trichromacy



**Original Color**  
8DE69E



**Protanomaly**  
C3D998



**Deuteranomaly**  
CFD4A2



**Tritanomaly**  
97E0D1

# Monochromacy



**Original Color**  
8DE69E



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
AFD0B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE69E 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 #8DE69E looks like.

```
.text, #text, p{  
    color:#8DE69E  
}
```

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 #8DE69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE69E
}
```

## Border

The CSS property to change the border of an element to Hex 8DE69E 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
#8DE69E }
```

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

```
.border{ border-color:#8DE69E }
```

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

Here you see how a box with a 4 pixel #8DE69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE69E; -webkit-box-shadow:4px 4px  
4px 4px #8DE69E; box-shadow:4px 4px 4px  
4px #8DE69E }
```

# Background

The CSS property to change the background color of an element to Hex 8DE69E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE69E }
```

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

```
.background{ background-color:#8DE69E }
```

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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