

# Converting Colors

Hex(8EE28A)

Have a look what the booklet for  
Hex(8EE28A) contains.

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**Color**

**Hex(8EE28A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE28A
RGB	142, 226, 138
RGB Percent	56%, 89%, 54%
CMY	0.4431, 0.1137, 0.4588
CMYK	0.37, 0.00, 0.39, 0.11
HSL	117°, 60%, 71%
HSV	117°, 39%, 89%
XYZ	42.9391, 61.9785, 33.7447
YIQ	190.8520, -21.8160, -45.1760

# Conversions

## Conversions Part 2

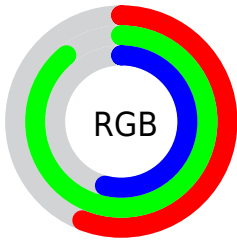
Format	Color
<a href="#">RYB</a>	<a href="#">138, 226, 222</a>
Decimal	<a href="#">9364106</a>
CIELab	<a href="#">82.90, -42.65, 35.17</a>
CIElCh	<a href="#">83, 55.281, 140.484</a>
Yxy	<a href="#">61.9785, 0.3097, 0.4470</a>
Android (android.graphics.Color)	<a href="#">4287554186 (0xFF8EE28A)</a>
YUV	<a href="#">190.8520, -26.0560, -42.8432</a>
Hunter-Lab	<a href="#">78.7264, -40.4134, 29.6949</a>

# Details

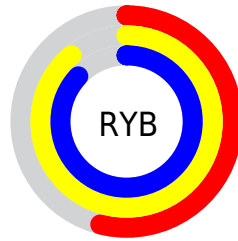
The Hex color **8EE28A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DE8AE2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C7FFC0**, and **57AA57** is the 20% darker color. If you saturate the color by 10%, you get **78E273**, and if you desaturate by 10%, it is **A4E2A1**.

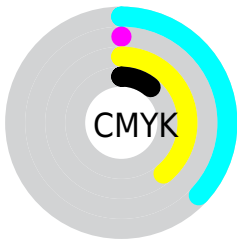
# Distribution



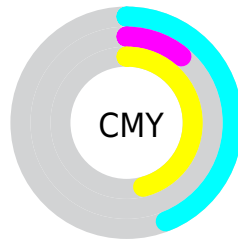
- Red (56%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE28A 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 8EE28A by changing the saturation by 10% instead.



 8EE28A

 8EE28A

FFFFFF

 72C670

 C7FFC0

 57AA57

 E4FFDC

 3B8F3E

 FFFFF9

 1B7526

 005C0C

 004300

 002D00

 001200

 000000

 8EE28A

 8EE28A

 78E273

 A4E2A1

 63E25D

 B9E2B7

 4DE246

 CFE2CE

 38E230

 E4E2E4

 22E219

 FAE2FB

 0DE202

 FFE2FF

 0AE200

# Harmonies

## Analogous

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



CBD66A



8EE28A



2FE8BC

# Triad

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



8EE28A



47D9FF



FFA5AD

# Complementary

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



8EE28A



DE8AE2

# 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.



FFA5E1



8EE28A



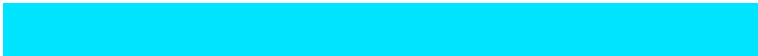
B9C7FF

# Square

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



8EE28A



00E4FF



FFB3FF



FFB380

# Rectangle

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



8EE28A



00E9E0



FFB3FF



FFA3BE

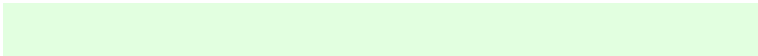


# Sweetspot

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



8EE28A



E2FFE0



E2DE8A



6E806E



000000



808080



# Same Dimension

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



8EE28A



8DFF87



8AE2B2



657065



08B000



023000



# Inverse Universe

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



DE8AE2



FA87FF



E28ABA



706570



A800B0

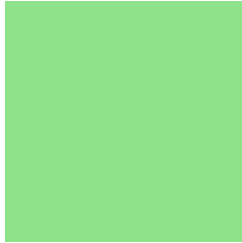


2E0030



# Previews

## White Background



This preview shows how the Hex color 8EE28A looks on a white background.

## Color Contrast Check

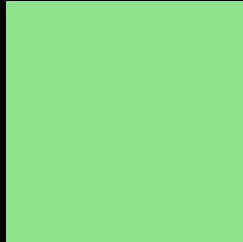
Large Text (above 18pt) WCAG AA × Fail

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 8EE28A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

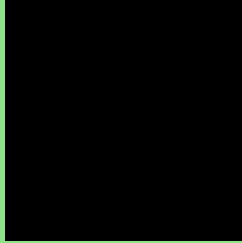
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EE28A Background



This preview shows how black text looks on a background with the Hex color 8EE28A.

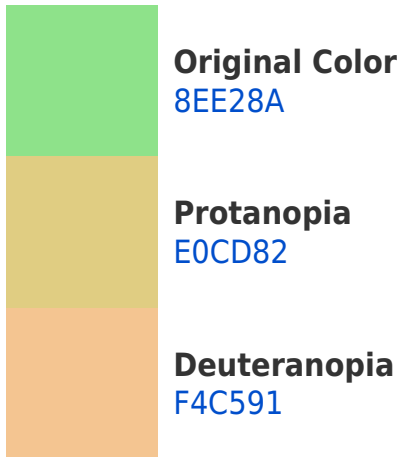


This preview shows how white text looks on a background with the Hex color 8EE28A.

# 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](#).

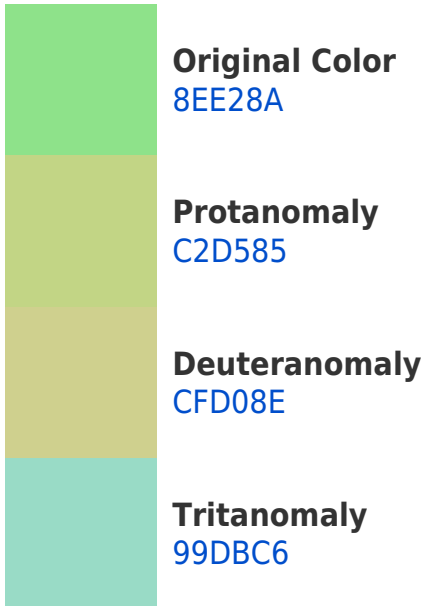
## Dichromacy



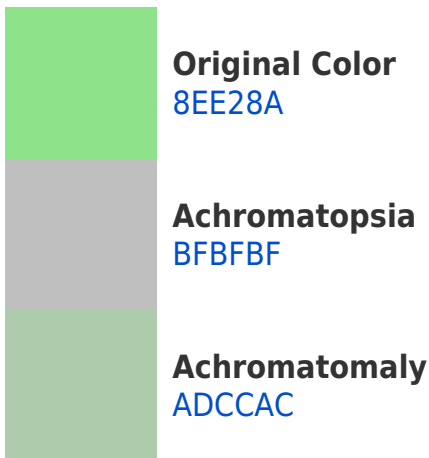


**Tritanopia**  
A0D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE28A 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 #8EE28A looks like.

```
.text, #text, p{  
    color:#8EE28A  
}
```

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 #8EE28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE28A
}
```

## Border

The CSS property to change the border of an element to Hex 8EE28A 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
#8EE28A }
```

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

```
.border{ border-color:#8EE28A }
```

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

Here you see how a box with a 4 pixel #8EE28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE28A; -webkit-box-shadow:4px 4px  
4px 4px #8EE28A; box-shadow:4px 4px 4px  
4px #8EE28A }
```

# Background

The CSS property to change the background color of an element to Hex 8EE28A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE28A }
```

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

```
.background{ background-color:#8EE28A }
```

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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