

# Converting Colors

Hex(8EE271)

Have a look what the booklet for  
Hex(8EE271) contains.

<b>Hex(8EE271)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8EE271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE271
RGB	142, 226, 113
RGB Percent	56%, 89%, 44%
CMY	0.4431, 0.1137, 0.5569
CMYK	0.37, 0.00, 0.50, 0.11
HSL	105°, 66%, 66%
HSV	105°, 50%, 89%
XYZ	41.3323, 61.3358, 25.2833
YIQ	188.0020, -13.7910, -52.9510

# Conversions

## Conversions Part 2

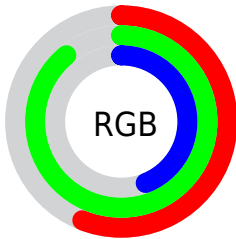
Format	Color
<a href="#">RYB</a>	<a href="#">113, 226, 197</a>
Decimal	<a href="#">9364081</a>
CIELab	<a href="#">82.56, -46.01, 47.00</a>
CIELCh	<a href="#">83, 65.774, 134.392</a>
Yxy	<a href="#">61.3358, 0.3230, 0.4794</a>
Android (android.graphics.Color)	<a href="#">4287554161 (0xFF8EE271)</a>
YUV	<a href="#">188.0020, -36.9760, -40.3438</a>
Hunter-Lab	<a href="#">78.3171, -42.8506, 35.6813</a>

# Details

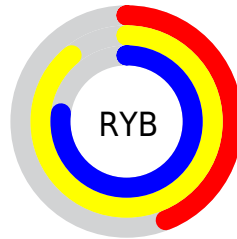
The Hex color **8EE271** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C571E2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C7FFA7**, and **56AA3D** is the 20% darker color. If you saturate the color by 10%, you get **7DE25A**, and if you desaturate by 10%, it is **9FE288**.

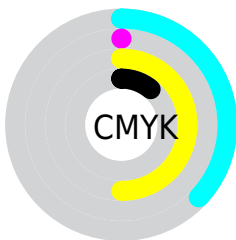
# Distribution



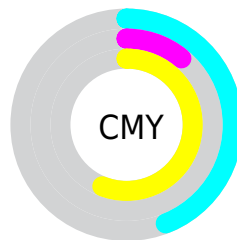
- Red (56%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE271 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 8EE271 by changing the saturation by 10% instead.



 8EE271

 8EE271

FFFFFF

 72C657

 C7FFA7

 56AA3D

 E4FFC3

 398F22

 FFFFDF

 167500

 FFFFFC

 005B00

 004300

 002D00

 001000

 000000

 8EE271

 8EE271

 7DE25A

 9FE288

 6CE244

 B0E29E

 5CE22D

 C0E2B5

 4BE217

 D1E2CB

 3AE200

 E2E2E2

 F3E2F9

 FFE2FF

# Harmonies

## Analogous

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



D4D44E



8EE271



00EAAA

# Triad

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



8EE271



00DDFF



FF98B2

# Complementary

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



8EE271



C571E2

# Split Complementary

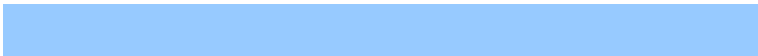
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9CF0



8EE271



97CAFF

# Square

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



8EE271



00E8FF



F8B1FF



FFA77A

# Rectangle

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



8EE271



00ECD5



F8B1FF



FF96C7

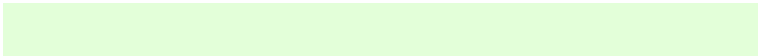


# Sweetspot

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



8EE271



E3FFD9



E2C471



6E8069



000000



808080



# Same Dimension

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



8EE271



8DFF66



71E28B



687065



2DB000



0C3000



# Inverse Universe

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



C571E2



D866FF



E271C8



6D6570



8300B0



240030



# Previews

## White Background



This preview shows how the Hex color 8EE271 looks on a white background.

## Color Contrast Check

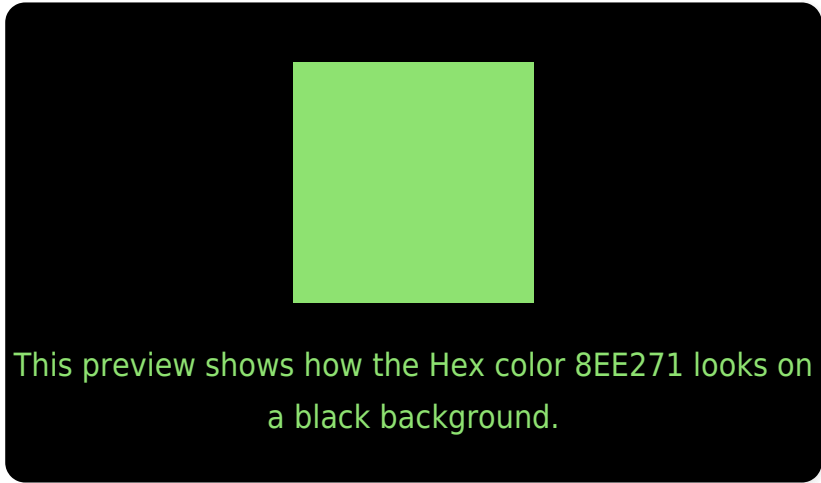
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 8EE271 Background



This preview shows how black text looks on a background with the Hex color 8EE271.

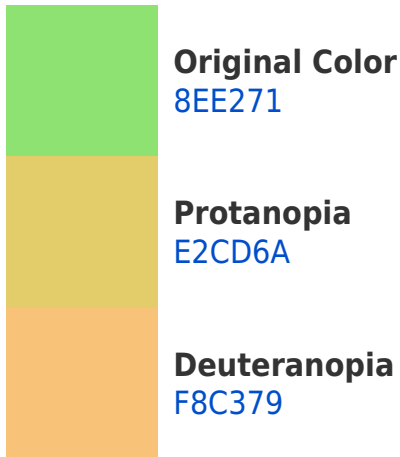


This preview shows how white text looks on a background with the Hex color 8EE271.

# 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**  
A2D5E6

# Trichromacy



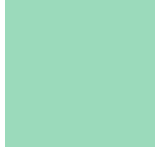
**Original Color**  
8EE271



**Protanomaly**  
C3D56D



**Deuteranomaly**  
D1CE76



**Tritanomaly**  
9BDABB

# Monochromacy



**Original Color**  
8EE271



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
ABCAA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE271 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 #8EE271 looks like.

```
.text, #text, p{  
    color:#8EE271  
}
```

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 #8EE271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE271
}
```

## Border

The CSS property to change the border of an element to Hex 8EE271 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
#8EE271 }
```

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

```
.border{ border-color:#8EE271 }
```

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

Here you see how a box with a 4 pixel #8EE271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE271; -webkit-box-shadow:4px 4px  
4px 4px #8EE271; box-shadow:4px 4px 4px  
4px #8EE271 }
```

# Background

The CSS property to change the background color of an element to Hex 8EE271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE271 }
```

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

```
.background{ background-color:#8EE271 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor