

# Converting Colors

Hex(8EED61)

Have a look what the booklet for  
Hex(8EED61) contains.

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# **Color**

**Hex(8EED61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EED61
RGB	142, 237, 97
RGB Percent	56%, 93%, 38%
CMY	0.4431, 0.0706, 0.6196
CMYK	0.40, 0.00, 0.59, 0.07
HSL	101°, 80%, 65%
HSV	101°, 59%, 93%
XYZ	43.5972, 67.1822, 21.9789
YIQ	192.6350, -11.6800, -63.6800

# Conversions

## Conversions Part 2

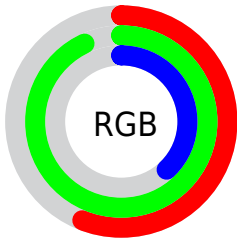
Format	Color
<a href="#">RYB</a>	<a href="#">97, 237, 192</a>
Decimal	<a href="#">9366881</a>
CIELab	<a href="#">85.60, -52.31, 57.84</a>
CIElCh	<a href="#">86, 77.987, 132.123</a>
Yxy	<a href="#">67.1822, 0.3284, 0.5060</a>
Android (android.graphics.Color)	<a href="#">4287556961 (0xFF8EED61)</a>
YUV	<a href="#">192.6350, -47.1481, -44.4069</a>
Hunter-Lab	<a href="#">81.9648, -48.4939, 41.4767</a>

# Details

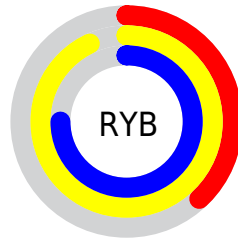
The Hex color **8EED61** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C061ED**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C8FF98**, and **54B429** is the 20% darker color. If you saturate the color by 10%, you get **7EED49**, and if you desaturate by 10%, it is **9EED79**.

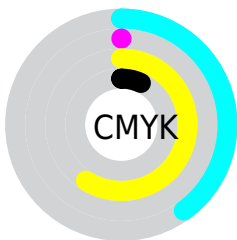
# Distribution



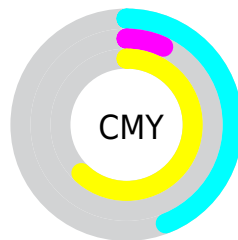
- Red (56%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EED61 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 8EED61 by changing the saturation by 10% instead.



 8EED61

 8EED61

FFFFFF

 71D046

 C8FF98

 54B429

 E6FFB4

 349900

 FFFFD0

 037E00

 FFFFED

 006500

 004C00

 003400

 001C00

 000000

 8EED61

 8EED61

 7EED49

 9EED79

 6EED32

 AEED90

 5EED1A

 BEEDA8

 4EED02

 CEEDC0

 4CED00

 DEEDD7

 EEDEF

 FFEDFF

# Harmonies

## Analogous

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



E0DC34



8EED61



00F6A6

# Triad

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



8EED61



00EAF7



FF91BB

# Complementary

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



8EED61



C061ED

# 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.



FF98FF



8EED61



7BD4FF

# Square

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



8EED61



00F6FF



FFB5FF



FFA476

# Rectangle

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



8EED61



00F9D9



FFB5FF



FF90D4

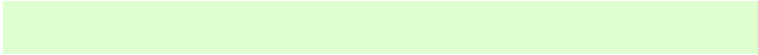


# Sweetspot

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



8EED61



E0FFD1



EDBE61



6C8063



000000



808080



# Same Dimension

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



8EED61



84FF4A



61ED78



6D756A



3AB500



113600



# Inverse Universe

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



C061ED



C54AFF



ED61D6



726A75



7B00B5

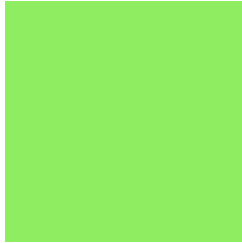


240036



# Previews

## White Background



This preview shows how the Hex color 8EED61 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 8EED61 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 8EED61 Background



This preview shows how black text looks on a background with the Hex color 8EED61.

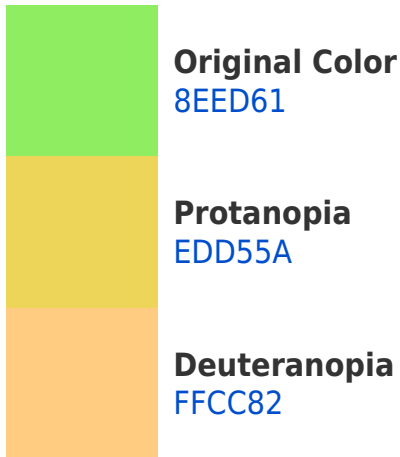


This preview shows how white text looks on a background with the Hex color 8EED61.

# 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](#).

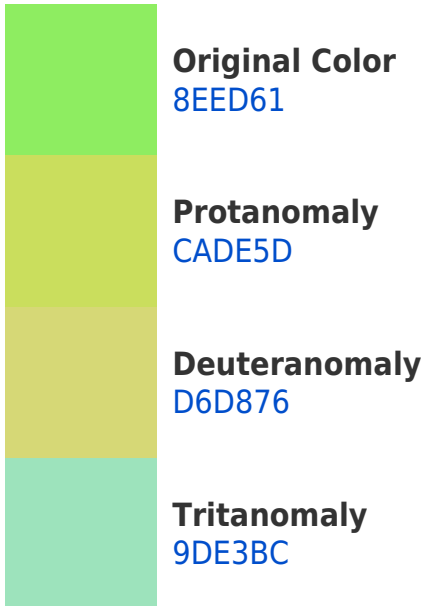
## Dichromacy



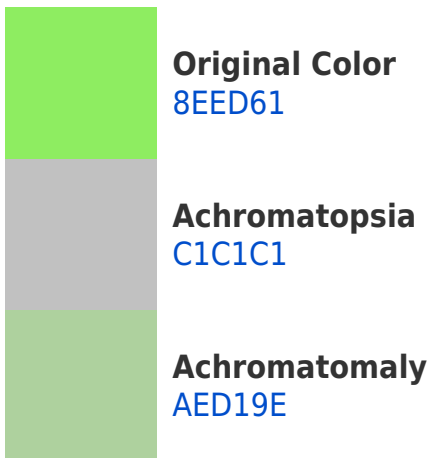


**Tritanopia**  
A6DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EED61 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 #8EED61 looks like.

```
.text, #text, p{  
    color:#8EED61  
}
```

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 #8EED61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EED61
}
```

## Border

The CSS property to change the border of an element to Hex 8EED61 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
#8EED61 }
```

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

```
.border{ border-color:#8EED61 }
```

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

Here you see how a box with a 4 pixel #8EED61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EED61; -webkit-box-shadow:4px 4px  
4px 4px #8EED61; box-shadow:4px 4px 4px  
4px #8EED61 }
```

# Background

The CSS property to change the background color of an element to Hex 8EED61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EED61 }
```

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

```
.background{ background-color:#8EED61 }
```

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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