

# Converting Colors

Hex(8ED470)

Have a look what the booklet for  
Hex(8ED470) contains.

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**Color**

**Hex(8ED470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8ED470
RGB	142, 212, 112
RGB Percent	56%, 83%, 44%
CMY	0.4431, 0.1686, 0.5608
CMYK	0.33, 0.00, 0.47, 0.17
HSL	102°, 54%, 64%
HSV	102°, 47%, 83%
XYZ	37.6234, 54.0076, 23.7708
YIQ	179.6700, -9.6200, -45.9400

# Conversions

## Conversions Part 2

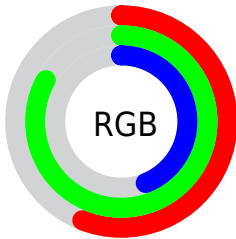
Format	Color
<a href="#">RYB</a>	<a href="#">112, 212, 182</a>
Decimal	<a href="#">9360496</a>
CIELab	<a href="#">78.47, -40.06, 42.45</a>
CIELCh	<a href="#">78, 58.365, 133.344</a>
Yxy	<a href="#">54.0076, 0.3260, 0.4680</a>
Android (android.graphics.Color)	<a href="#">4287550576 (0xFF8ED470)</a>
YUV	<a href="#">179.6700, -33.3613, -33.0366</a>
Hunter-Lab	<a href="#">73.4899, -37.2234, 32.2652</a>

# Details

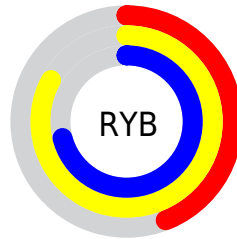
The Hex color **8ED470** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B670D4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C6FFA5**, and **589D3D** is the 20% darker color. If you saturate the color by 10%, you get **7FD45B**, and if you desaturate by 10%, it is **9DD485**.

# Distribution



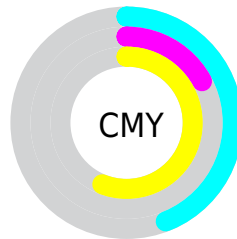
- Red (56%)
- Green (83%)
- Blue (44%)



- Red (44%)
- Yellow (83%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ED470 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 8ED470 by changing the saturation by 10% instead.



 8ED470

 8ED470

FFFFFF

 73B856

 C6FFA5

 589D3D

 E3FFC1

 3C8224

 FFFFDD

 1F6905

 FFFFFA

 005000

 003800

 002400

 000000

 8ED470

 8ED470

 7FD45B

 9DD485

 70D446

 ACD49A

 61D430

 BBD4B0

 53D41B

 C9D4C5

 44D406

 D8D4DA

 40D400

 E7D4EF

 F6D4FF

 FFD4FF

# Harmonies

## Analogous

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



CAC753



8ED470



2DDBA1

# Triad

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



8ED470



00D0FF



FF94AC

# Complementary

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



8ED470



B670D4

# 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.



FF98E3



8ED470



91C0FF

# Square

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



8ED470



00DAFF



E5AAFF



FFA07A

# Rectangle

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



8ED470



00DDC7



E5AAFF



FF93BE

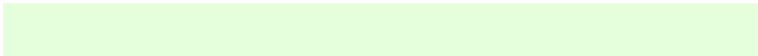


# Sweetspot

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



8ED470



E6FFDB



D4B670



70806A



000000



808080



# Same Dimension

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



8ED470



99FF6E



70D484



646B60



33AB00



0D2B00



# Inverse Universe

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



B670D4



D36EFF



D470C0



68606B



7800AB



1E002B



# Previews

## White Background



This preview shows how the Hex color 8ED470 looks on a white background.

## Color Contrast Check

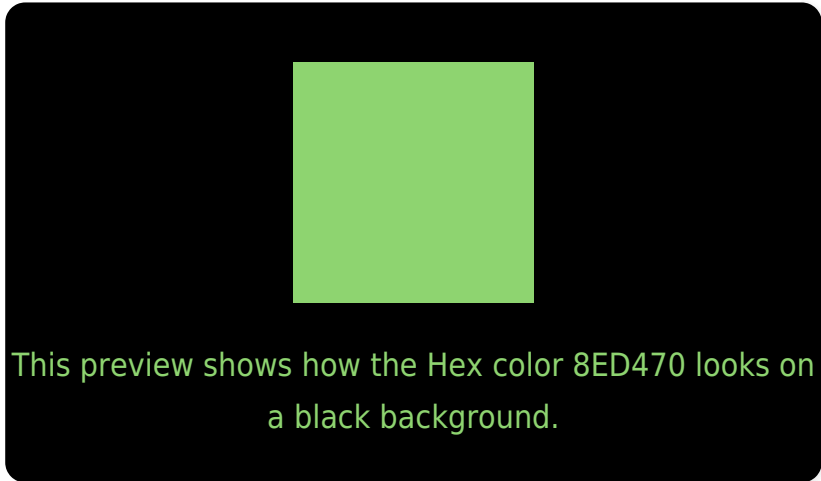
Large Text (above 18pt) WCAG AA × Fail

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 8ED470 Background



This preview shows how black text looks on a background with the Hex color 8ED470.

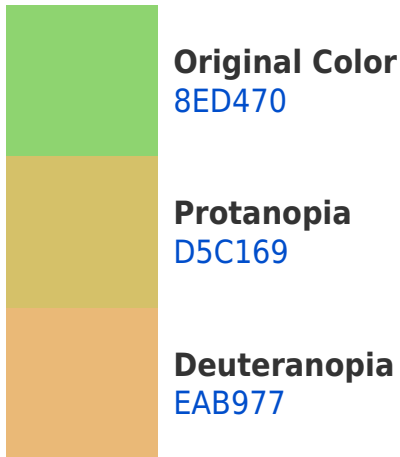


This preview shows how white text looks on a background with the Hex color 8ED470.

# 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](#).

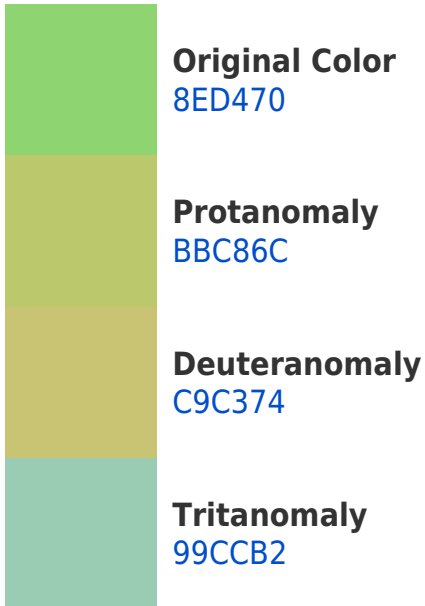
## Dichromacy



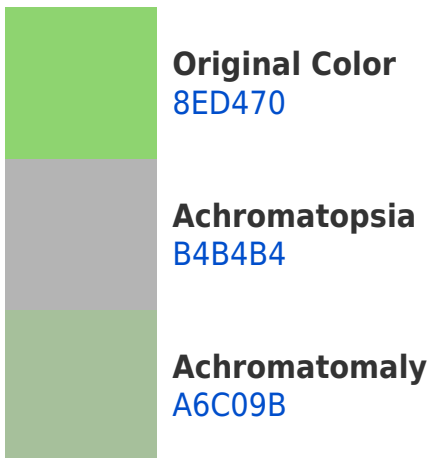


**Tritanopia**  
9FC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ED470 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 #8ED470 looks like.

```
.text, #text, p{  
    color:#8ED470  
}
```

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 #8ED470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED470
}
```

## Border

The CSS property to change the border of an element to Hex 8ED470 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
#8ED470 }
```

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

```
.border{ border-color:#8ED470 }
```

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

Here you see how a box with a 4 pixel #8ED470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED470; -webkit-box-shadow:4px 4px  
4px 4px #8ED470; box-shadow:4px 4px 4px  
4px #8ED470 }
```

# Background

The CSS property to change the background color of an element to Hex 8ED470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED470 }
```

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

```
.background{ background-color:#8ED470 }
```

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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