

# Converting Colors

Hex(8EC76A)

Have a look what the booklet for  
Hex(8EC76A) contains.

<b>Hex(8EC76A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8EC76A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EC76A
RGB	142, 199, 106
RGB Percent	56%, 78%, 42%
CMY	0.4431, 0.2196, 0.5843
CMYK	0.29, 0.00, 0.47, 0.22
HSL	97°, 45%, 60%
HSV	97°, 47%, 78%
XYZ	34.1803, 47.6382, 21.0293
YIQ	171.3550, -4.1190, -41.0070

# Conversions

## Conversions Part 2

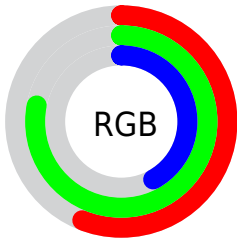
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 199, 163</a>
Decimal	<a href="#">9357162</a>
CIELab	<a href="#">74.60, -34.94, 40.59</a>
CIELCh	<a href="#">75, 53.558, 130.719</a>
Yxy	<a href="#">47.6382, 0.3323, 0.4632</a>
Android (android.graphics.Color)	<a href="#">4287547242 (0xFF8EC76A)</a>
YUV	<a href="#">171.3550, -32.2200, -25.7443</a>
Hunter-Lab	<a href="#">69.0205, -32.3891, 30.2497</a>

# Details

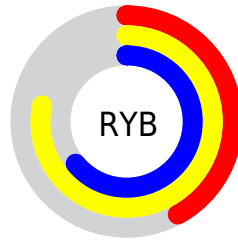
The Hex color **8EC76A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A36AC7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C6FF9F**, and **599138** is the 20% darker color. If you saturate the color by 10%, you get **82C756**, and if you desaturate by 10%, it is **9AC77E**.

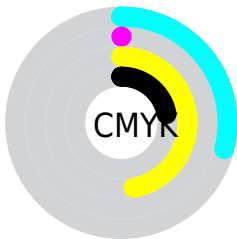
# Distribution



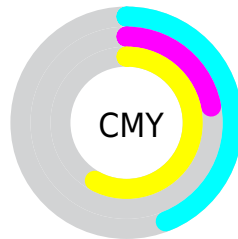
- Red (56%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (64%)



- Cyan (29%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EC76A 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 8EC76A by changing the saturation by 10% instead.



 8EC76A

 8EC76A

FFFFFF

 73AB51

 C6FF9F

 599138

 E2FFBA

 3E771E

 FFFFD6

 235E01

 FFFFF3

 044500

 002E00

 001900

 000000

 8EC76A

 8EC76A

 82C756

 9AC77E

 76C742

 A6C792

 69C72E

 B3C7A6

 5DC71A

 BFC7BA

 51C707

 CBC7CE

 4DC700

 D7C7E1

 E3C7F5

 F0C7FF

 FCC7FF

# Harmonies

## Analogous

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



C4BA53



8EC76A



43CE95

# Triad

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



8EC76A



00C6FF



FF8EA8

# Complementary

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



8EC76A



A36AC7

# 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.



FF93D9



8EC76A



84B7FF

# Square

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



8EC76A



00CEF6



D3A4FF



FF987A

# Rectangle

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



8EC76A



00D0B7



D3A4FF



FF8EB8

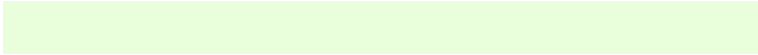


# Sweetspot

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



8EC76A



E9FFDB



C7A26A



72806A



000000



808080

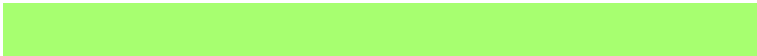


# Same Dimension

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



8EC76A



A7FF70



6AC773



5D635A



3FA300



0E2400



# Inverse Universe

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



A36AC7



C870FF



C76ABE



605A63



6400A3



160024



# Previews

## White Background



This preview shows how the Hex color 8EC76A looks on a white background.

## Color Contrast Check

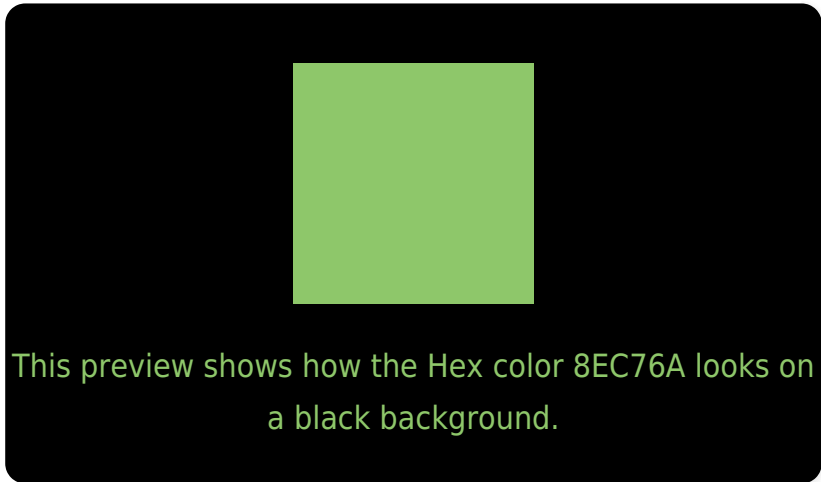
Large Text (above 18pt) WCAG AA × Fail

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 8EC76A Background



This preview shows how black text looks on a background with the Hex color 8EC76A.

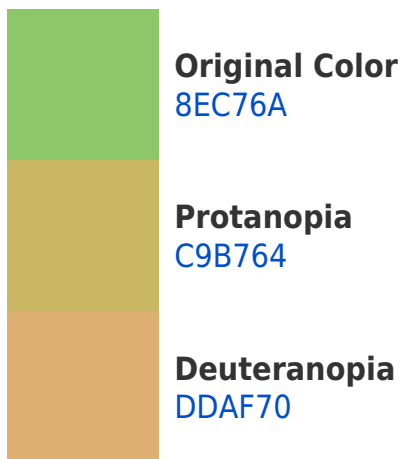


This preview shows how white text looks on a background with the Hex color 8EC76A.

# 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](#).

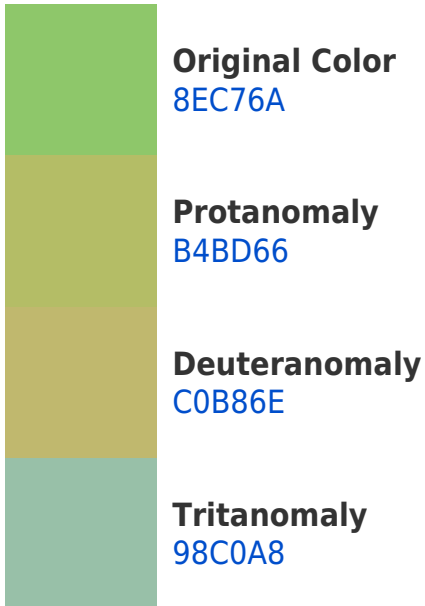
## Dichromacy



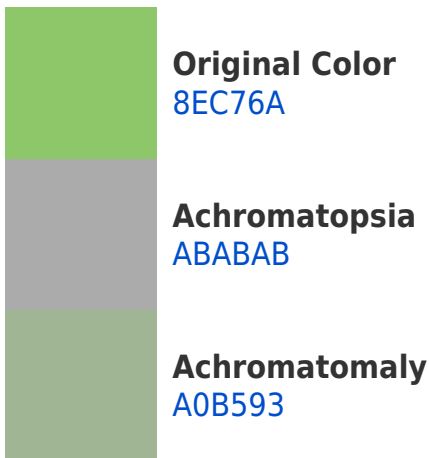


**Tritanopia**  
9DBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EC76A 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 #8EC76A looks like.

```
.text, #text, p{  
    color:#8EC76A  
}
```

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 #8EC76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC76A
}
```

## Border

The CSS property to change the border of an element to Hex 8EC76A 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
#8EC76A }
```

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

```
.border{ border-color:#8EC76A }
```

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

Here you see how a box with a 4 pixel #8EC76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC76A; -webkit-box-shadow:4px 4px  
4px 4px #8EC76A; box-shadow:4px 4px 4px  
4px #8EC76A }
```

# Background

The CSS property to change the background color of an element to Hex 8EC76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC76A }
```

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

```
.background{ background-color:#8EC76A }
```

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