

# Converting Colors

Hex(8EB674)

Have a look what the booklet for  
Hex(8EB674) contains.

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**Color**

**Hex(8EB674)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EB674
RGB	142, 182, 116
RGB Percent	56%, 71%, 45%
CMY	0.4431, 0.2863, 0.5451
CMYK	0.22, 0.00, 0.36, 0.29
HSL	96°, 31%, 58%
HSV	96°, 36%, 71%
XYZ	31.0357, 40.4676, 22.6983
YIQ	162.5160, -2.6540, -29.0060

# Conversions

## Conversions Part 2

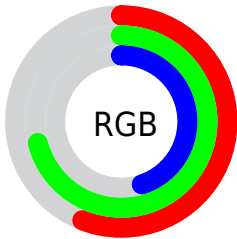
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 182, 156</a>
Decimal	<a href="#">9352820</a>
CIELab	<a href="#">69.80, -25.53, 29.35</a>
CIELCh	<a href="#">70, 38.895, 131.020</a>
Yxy	<a href="#">40.4676, 0.3295, 0.4296</a>
Android (android.graphics.Color)	<a href="#">4287542900 (0xFF8EB674)</a>
YUV	<a href="#">162.5160, -22.9324, -17.9925</a>
Hunter-Lab	<a href="#">63.6142, -24.2394, 23.3746</a>

# Details

The Hex color **8EB674** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **9C74B6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C5EEA9**, and **5A8143** is the 20% darker color. If you saturate the color by 10%, you get **83B662**, and if you desaturate by 10%, it is **99B686**.

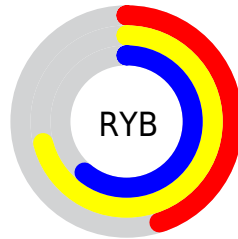
# Distribution



Red (56%)

Green (71%)

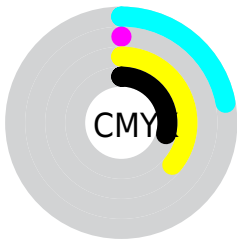
Blue (45%)



Red (45%)

Yellow (71%)

Blue (61%)

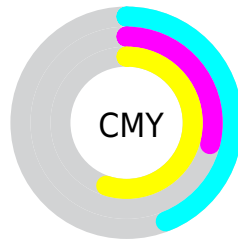


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (29%)



Cyan (44%)

Magenta (29%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EB674 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 8EB674 by changing the saturation by 10% instead.





8EB674



8EB674

FFFFFF



749B5B



C5EEA9



5A8143



E1FFC4



41682B



FEFEE0



294F14

FFFFFFD



113800



002300



000000



8EB674



8EB674



83B662



99B686

 78B650

 A4B698

 6DB63D

 AFB6AB

 62B62B

 BAB6BD

 57B619

 C5B6CF

 4CB607

 D0B6E1

 48B600

 DBB6F3

 E6B6FF

 F1B6FF

# Harmonies

## Analogous

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



B5AD64



8EB674



61BC92

# Triad

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



8EB674



4CB4ED



EF8F9F

# Complementary

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



8EB674



9C74B6

# 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.



E192C2



8EB674



8CAAFO

# Square

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



8EB674



00BBD8



BF9DE0



EA957E

# Rectangle

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



8EB674



3EBDAB



BF9DE0



ED8FAB

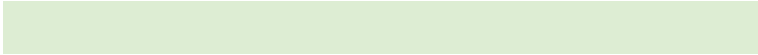


# Sweetspot

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



8EB674



DDEDD3



B69C74



6E7868



F7F7F7



787878



# Same Dimension

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



8EB674



AEED85



74B67B



565C53



3D9C00



0B1C00



# Inverse Universe

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



9C74B6



C485ED



B674AF



58535C



5E009C



11001C



# Previews

## White Background



This preview shows how the Hex color 8EB674 looks on a white background.

## Color Contrast Check

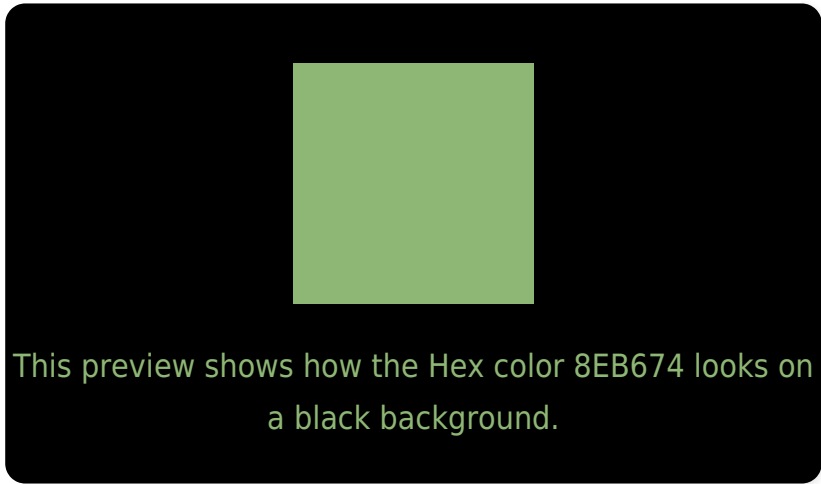
Large Text (above 18pt) WCAG AA × Fail

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 8EB674 Background



This preview shows how black text looks on a background with the Hex color 8EB674.

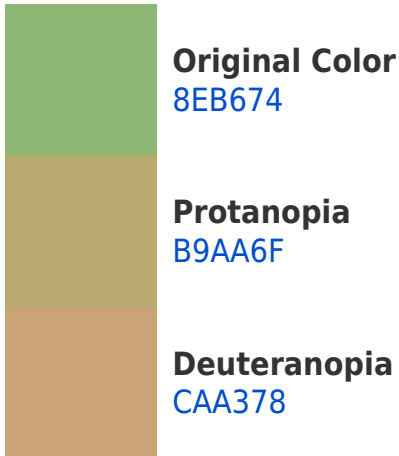


This preview shows how white text looks on a background with the Hex color 8EB674.

# 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](#).

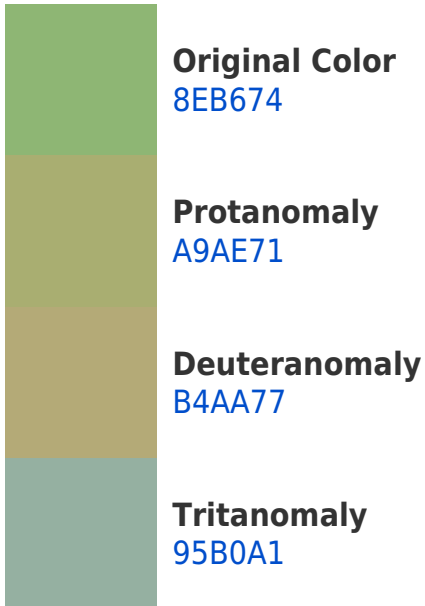
## Dichromacy



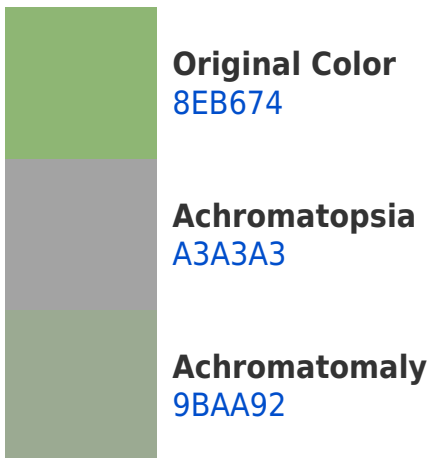


**Tritanopia**  
99ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EB674 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 #8EB674 looks like.

```
.text, #text, p{  
    color:#8EB674  
}
```

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 #8EB674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB674
}
```

## Border

The CSS property to change the border of an element to Hex 8EB674 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
#8EB674 }
```

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

```
.border{ border-color:#8EB674 }
```

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

Here you see how a box with a 4 pixel #8EB674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB674; -webkit-box-shadow:4px 4px  
4px 4px #8EB674; box-shadow:4px 4px 4px  
4px #8EB674 }
```

# Background

The CSS property to change the background color of an element to Hex 8EB674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB674 }
```

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

```
.background{ background-color:#8EB674 }
```

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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