

# Converting Colors

Hex(88BE74)

Have a look what the booklet for  
Hex(88BE74) contains.

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**Color**

**Hex(88BE74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88BE74
RGB	136, 190, 116
RGB Percent	53%, 75%, 45%
CMY	0.4667, 0.2549, 0.5451
CMYK	0.28, 0.00, 0.39, 0.25
HSL	104°, 36%, 60%
HSV	104°, 39%, 75%
XYZ	31.7192, 43.3221, 23.2132
YIQ	165.4180, -8.4300, -34.4620

# Conversions

## Conversions Part 2

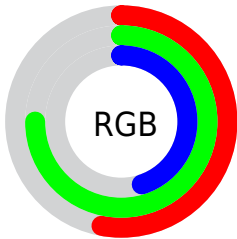
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 190, 170
Decimal	8961652
CIELab	71.77, -31.52, 31.85
CIELCh	72, 44.811, 134.695
Yxy	43.3221, 0.3228, 0.4409
Android (android.graphics.Color)	4287151732 (0xFF88BE74)
YUV	165.4180, -24.3631, -25.7996
Hunter-Lab	65.8195, -29.1630, 25.1633

# Details

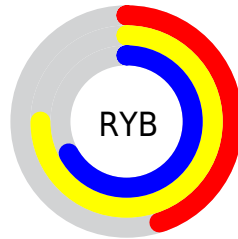
The Hex color **88BE74** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AA74BE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BFF7A9**, and **548842** is the 20% darker color. If you saturate the color by 10%, you get **7ABE61**, and if you desaturate by 10%, it is **96BE87**.

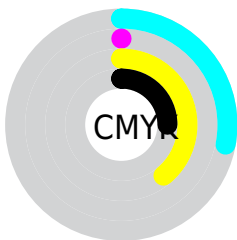
# Distribution



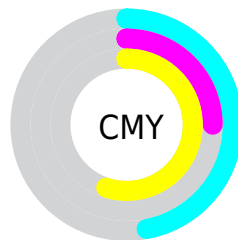
- Red (53%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (67%)



- Cyan (28%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88BE74 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 88BE74 by changing the saturation by 10% instead.





88BE74



88BE74

FFFFFF



6EA35B



BFF7A9



548842



DBFFC4



3A6F2B



F8FFE1



205613

FFFFFFD



023E00



002800



000C00



000000



88BE74



88BE74

 7ABE61

 96BE87

 6CBE4E

 A4BE9A

 5EBE3B

 B2BEAD

 51BE28

 BFBEC0

 43BE15

 CDBED3

 35BE02

 DBBEE6

 33BE00

 E9BEF9

 F7BEFF

 FFBEFF

# Harmonies

## Analogous

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



B6B45F



88BE74



4EC499

# Triad

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



88BE74



3DBAFE



FE8F9D

# Complementary

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



88BE74



AA74BE

# 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.



F291C7



88BE74



93ADFF

# Square

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



88BE74



00C2E8



CD9EEA



F69878

# Rectangle

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



88BE74



00C5B5



CD9EEA



FD8FAB



# Sweetspot

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



88BE74



E2F7DA



BEA974



707D6B



FCFCFC



7D7D7D

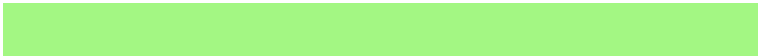


# Same Dimension

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



88BE74



A3F783



74BE84



575E55



2B9E00



081F00



# Inverse Universe

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



AA74BE



D883F7



BE74AE



5C555E



73009E



16001F



# Previews

## White Background



This preview shows how the Hex color 88BE74 looks on a white background.

## Color Contrast Check

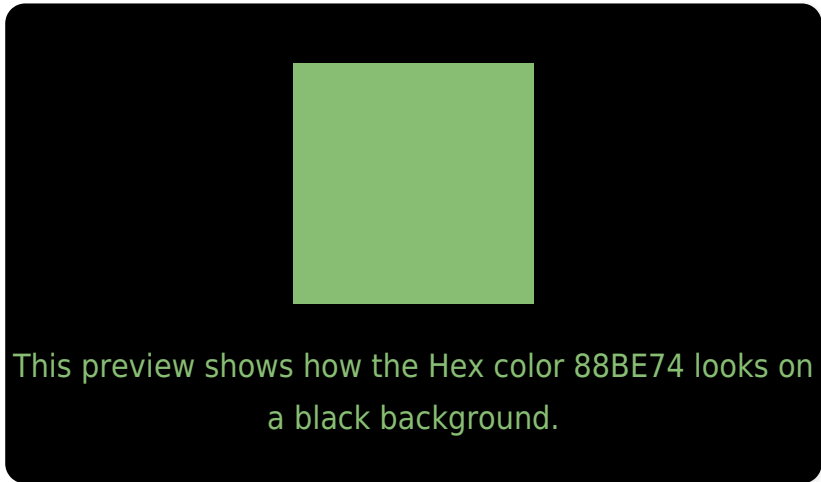
Large Text (above 18pt) WCAG AA × Fail

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

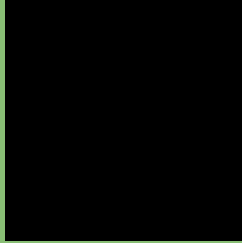
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88BE74 Background



This preview shows how black text looks on a background with the Hex color 88BE74.

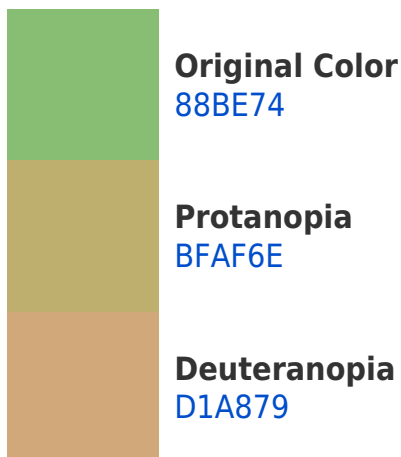


This preview shows how white text looks on a background with the Hex color 88BE74.

# 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](#).

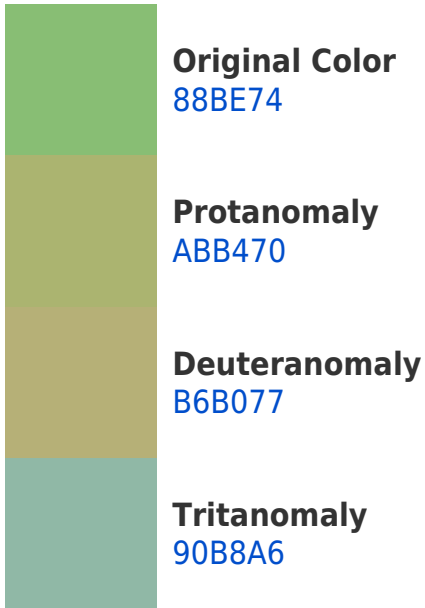
## Dichromacy



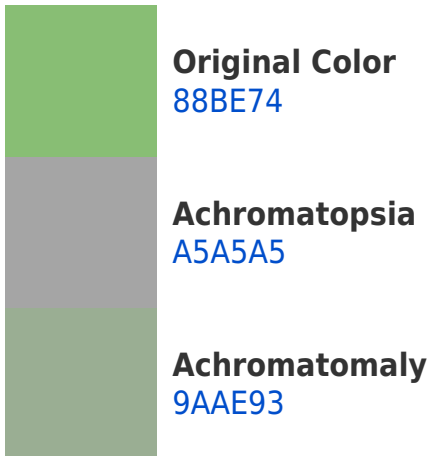


**Tritanopia**  
95B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88BE74 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 #88BE74 looks like.

```
.text, #text, p{  
    color:#88BE74  
}
```

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 #88BE74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88BE74
}
```

## Border

The CSS property to change the border of an element to Hex 88BE74 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
#88BE74 }
```

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

```
.border{ border-color:#88BE74 }
```

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

Here you see how a box with a 4 pixel #88BE74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88BE74; -webkit-box-shadow:4px 4px  
4px 4px #88BE74; box-shadow:4px 4px 4px  
4px #88BE74 }
```

# Background

The CSS property to change the background color of an element to Hex 88BE74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88BE74 }
```

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

```
.background{ background-color:#88BE74 }
```

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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