

# Converting Colors

Hex(88AC7F)

Have a look what the booklet for  
Hex(88AC7F) contains.

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# **Color**

**Hex(88AC7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88AC7F
RGB	136, 172, 127
RGB Percent	53%, 67%, 50%
CMY	0.4667, 0.3255, 0.5020
CMYK	0.21, 0.00, 0.26, 0.33
HSL	108°, 21%, 59%
HSV	108°, 26%, 67%
XYZ	28.7366, 36.2716, 25.5652
YIQ	156.1060, -7.0110, -21.6270

# Conversions

## Conversions Part 2

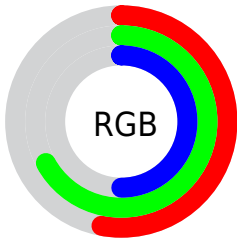
Format	Color
<a href="#">RYB</a>	<a href="#">127, 172, 163</a>
Decimal	<a href="#">8957055</a>
CIELab	<a href="#">66.73, -21.00, 19.25</a>
CIElCh	<a href="#">67, 28.484, 137.487</a>
Yxy	<a href="#">36.2716, 0.3173, 0.4005</a>
Android (android.graphics.Color)	<a href="#">4287147135 (0xFF88AC7F)</a>
YUV	<a href="#">156.1060, -14.3493, -17.6330</a>
Hunter-Lab	<a href="#">60.2259, -20.2245, 16.9902</a>

# Details

The Hex color **88AC7F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A37FAC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BEE4B4**, and **55784E** is the 20% darker color. If you saturate the color by 10%, you get **7AAC6E**, and if you desaturate by 10%, it is **96AC90**.

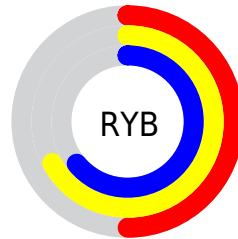
# Distribution



Red (53%)

Green (67%)

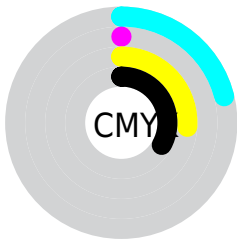
Blue (50%)



Red (50%)

Yellow (67%)

Blue (64%)

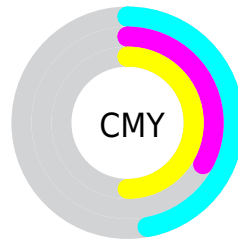


Cyan (21%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88AC7F 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 88AC7F by changing the saturation by 10% instead.





88AC7F



88AC7F

FFFFFF



6E9166



BEE4B4



55784E



DAFFD0



3D5F36



F7FFEC



264721



0F300B



001D00



000000



88AC7F



88AC7F



7AAC6E



96AC90

 6CAC5D

 A4ACA1

 5FAC4B

 B1ACB3

 51AC3A

 BFACC4

 43AC29

 CDACD5

 35AC18

 DBACE6

 28AC07

 E8ACF7

 22AC00

 F6ACFF

 FFACFF

# Harmonies

## Analogous

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



A5A571



88AC7F



6BB096

# Triad

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



88AC7F



71A8D4



D69094

# Complementary

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



88AC7F



A37FAC

# 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.



CE90AE



88AC7F



97A0D3

# Square

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



88AC7F



55AEC7



B897C5



D0957E

# Rectangle

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



88AC7F



5AB1A8



B897C5



D58F9D



# Sweetspot

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



88AC7F



D2E0CE



ACA37F



677065



F0F0F0



707070



# Same Dimension

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



88AC7F



A9E09B



7FAC8D



50574E



1E9600



051700



# Inverse Universe

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



A37FAC



D29BE0



AC7F9F



554E57



780096



120017



# Previews

## White Background



This preview shows how the Hex color 88AC7F looks on a white background.

## Color Contrast Check

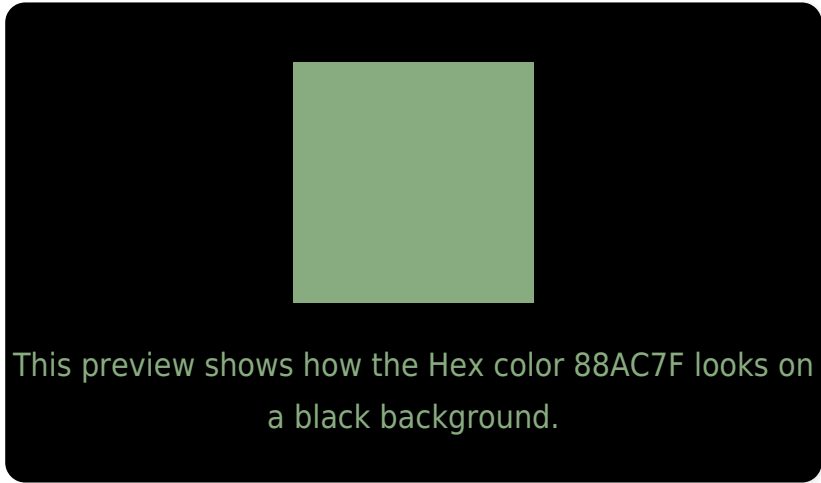
Large Text (above 18pt) WCAG AA × Fail

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

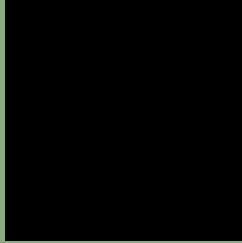
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 88AC7F Background



This preview shows how black text looks on a background with the Hex color 88AC7F.



This preview shows how white text looks on a background with the Hex color 88AC7F.

# 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](#).

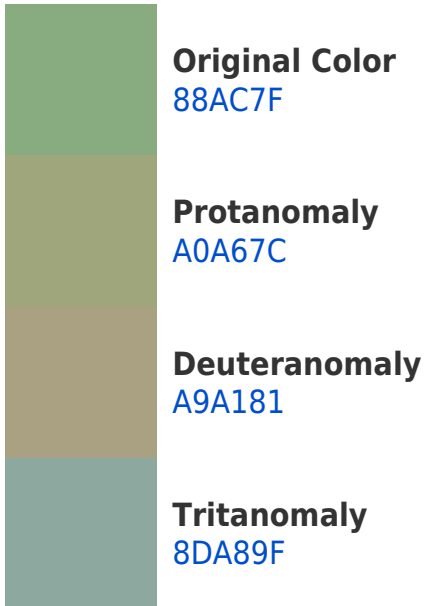
## Dichromacy



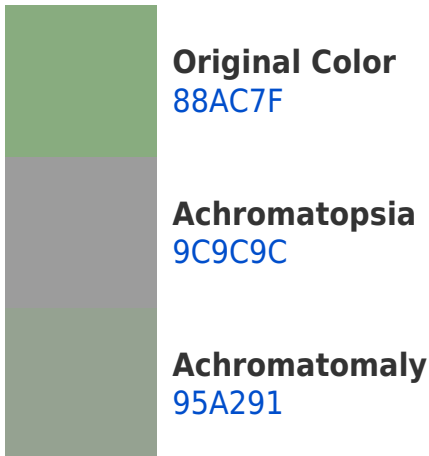


**Tritanopia**  
90A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88AC7F 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 #88AC7F looks like.

```
.text, #text, p{  
    color:#88AC7F  
}
```

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 #88AC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AC7F
}
```

## Border

The CSS property to change the border of an element to Hex 88AC7F 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
#88AC7F }
```

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

```
.border{ border-color:#88AC7F }
```

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

Here you see how a box with a 4 pixel #88AC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AC7F; -webkit-box-shadow:4px 4px  
4px 4px #88AC7F; box-shadow:4px 4px 4px  
4px #88AC7F }
```

# Background

The CSS property to change the background color of an element to Hex 88AC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AC7F }
```

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

```
.background{ background-color:#88AC7F }
```

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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