

# Converting Colors

Hex(84E98C)

Have a look what the booklet for  
Hex(84E98C) contains.

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**Color**

**Hex(84E98C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E98C
RGB	132, 233, 140
RGB Percent	52%, 91%, 55%
CMY	0.4824, 0.0863, 0.4510
CMYK	0.43, 0.00, 0.40, 0.09
HSL	125°, 70%, 72%
HSV	125°, 43%, 91%
XYZ	43.3883, 65.0768, 35.0852
YIQ	192.1990, -30.3430, -50.3350

# Conversions

## Conversions Part 2

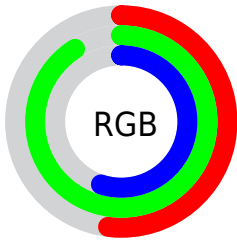
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 226, 233</a>
Decimal	<a href="#">8710540</a>
CIELab	<a href="#">84.52, -48.30, 36.20</a>
CIElCh	<a href="#">85, 60.362, 143.149</a>
Yxy	<a href="#">65.0768, 0.3023, 0.4533</a>
Android (android.graphics.Color)	<a href="#">4286900620 (0xFF84E98C)</a>
YUV	<a href="#">192.1990, -25.7341, -52.7945</a>
Hunter-Lab	<a href="#">80.6702, -45.1671, 30.6826</a>

# Details

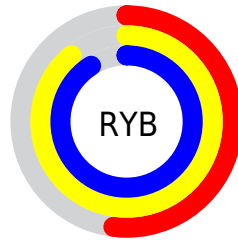
The Hex color **84E98C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E984E1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BDFFC2**, and **4BB158** is the 20% darker color. If you saturate the color by 10%, you get **6DE977**, and if you desaturate by 10%, it is **9BE9A1**.

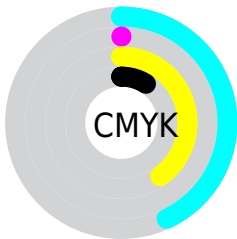
# Distribution



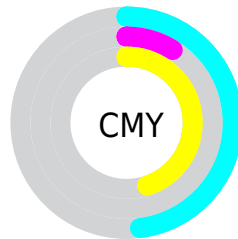
- Red (52%)
- Green (91%)
- Blue (55%)



- Red (52%)
- Yellow (89%)
- Blue (91%)



- Cyan (43%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (48%)
- Magenta (9%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84E98C 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 84E98C by changing the saturation by 10% instead.



 84E98C

 84E98C

FFFFFF

 68CC72

 BDFFC2

 4BB158

 DBFFDF

 2B9540

 F8FFFC

 007B27

 00610D

 004800

 003100

 001800

 000000

 84E98C

 84E98C

 6DE977

 9BE9A1

 55E961

 B3E9B7

 3EE94C

 CAE9CC

 27E936

 E1E9E2

 10E921

 F9E9F7

 00E912

 FFE9FF

# Harmonies

## Analogous

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



C9DD66



84E98C



00EFC3

# Triad

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



84E98C



3CDDFF



FFA6A9

# Complementary

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



84E98C



E984E1

# 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.



FFA4E2



84E98C



C2C9FF

# Square

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



84E98C



00EAFF



FFB3FF



FFB679

# Rectangle

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



84E98C



00F0EB



FFB3FF



FFA3BC

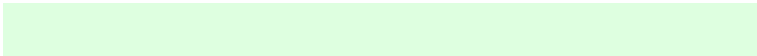


# Sweetspot

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



84E98C



DEFFE0



E2E984



6B806D



000000



808080



# Same Dimension

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



84E98C



7AFF85



84E9BD



6A756A



00B50E



003604



# Inverse Universe

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



E984E1



FF7AF4



E984B0



756A74



B500A7



360031



# Previews

## White Background



This preview shows how the Hex color 84E98C 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



This preview shows how the Hex color 84E98C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

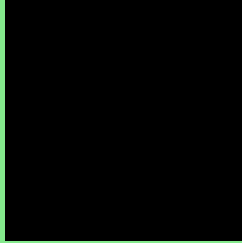
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84E98C Background



This preview shows how black text looks on a background with the Hex color 84E98C.

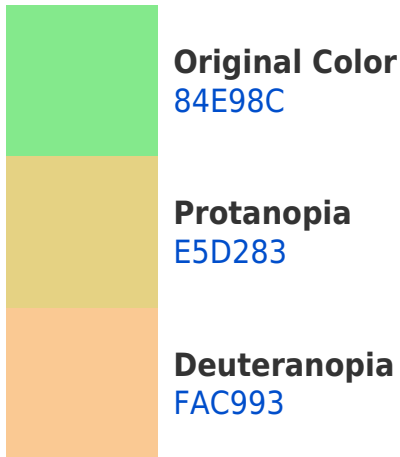


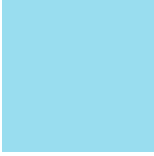
This preview shows how white text looks on a background with the Hex color 84E98C.

# 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](#).

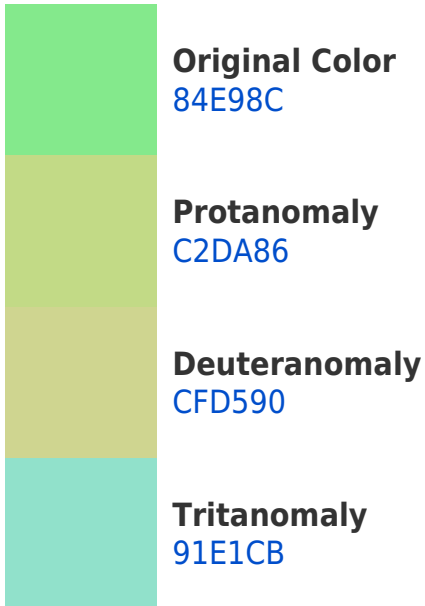
## Dichromacy



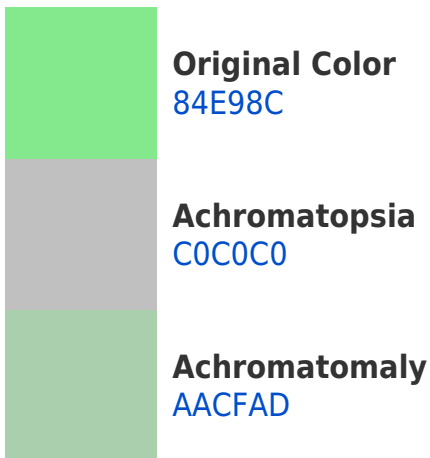


**Tritanopia**  
99DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84E98C 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 #84E98C looks like.

```
.text, #text, p{  
    color:#84E98C  
}
```

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 #84E98C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E98C
}
```

## Border

The CSS property to change the border of an element to Hex 84E98C 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
#84E98C }
```

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

```
.border{ border-color:#84E98C }
```

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

Here you see how a box with a 4 pixel #84E98C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E98C; -webkit-box-shadow:4px 4px  
4px 4px #84E98C; box-shadow:4px 4px 4px  
4px #84E98C }
```

# Background

The CSS property to change the background color of an element to Hex 84E98C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E98C }
```

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

```
.background{ background-color:#84E98C }
```

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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