

# Converting Colors

Hex(99E890)

Have a look what the booklet for  
Hex(99E890) contains.

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**Color**

**Hex(99E890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99E890
RGB	153, 232, 144
RGB Percent	60%, 91%, 56%
CMY	0.4000, 0.0902, 0.4353
CMYK	0.34, 0.00, 0.38, 0.09
HSL	114°, 66%, 74%
HSV	114°, 38%, 91%
XYZ	47.0275, 66.4991, 36.7426
YIQ	198.3470, -18.8360, -44.1160

# Conversions

## Conversions Part 2

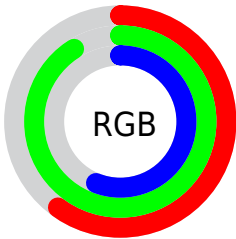
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 232, 223
Decimal	10086544
CIELab	85.25, -40.96, 35.33
CIElCh	85, 54.091, 139.221
Yxy	66.4991, 0.3130, 0.4425
Android (android.graphics.Color)	4288276624 (0xFF99E890)
YUV	198.3470, -26.7931, -39.7693
Hunter-Lab	81.5470, -39.7677, 30.3687

# Details

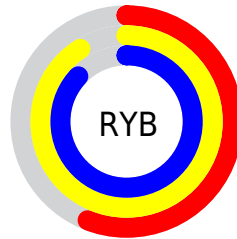
The Hex color **99E890** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DF90E8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D2FFC7**, and **62B05C** is the 20% darker color. If you saturate the color by 10%, you get **84E879**, and if you desaturate by 10%, it is **AEE8A7**.

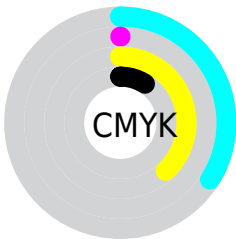
# Distribution



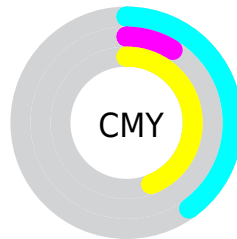
- Red (60%)
- Green (91%)
- Blue (56%)



- Red (56%)
- Yellow (91%)
- Blue (87%)



- Cyan (34%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E890 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 99E890 by changing the saturation by 10% instead.



 99E890

 99E890

FFFFFF

 7DCC76

 D2FFC7

 62B05C

 EFFF E3

 479544

 2A7B2B

 036113

 004900

 003100

 001B00

 000000

 99E890

 99E890

 84E879

 AEE8A7

 6FE862

 C3E8BE

 5BE84A

 D7E8D6

 46E833

 ECE8ED

 31E81C

 FFE8FF

 1CE805

 18E800

# Harmonies

## Analogous

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



D4DC71



99E890



47EEC0

# Triad

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



99E890



53E0FF



FFADB6

# Complementary

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



99E890



DF90E8

# 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.



FFADEA



99E890



BDCFFF

# Square

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



99E890



00EBFF



FFBBFF



FFB989

# Rectangle

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



99E890



00F0E4



FFBBFF



FFABC7

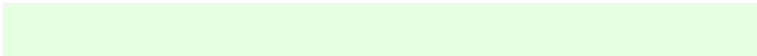


# Sweetspot

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



99E890



E6FFE3



E8DE90



71806F



000000



808080



# Same Dimension

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



99E890



96FF8A



90E8B2



687367



12B300



053300



# Inverse Universe

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



DF90E8



F38AFF



E890C6



726773



A000B3

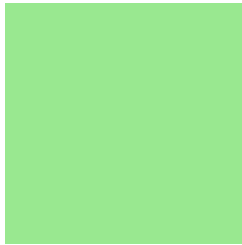


2E0033



# Previews

## White Background



This preview shows how the Hex color 99E890 looks on a white background.

## Color Contrast Check

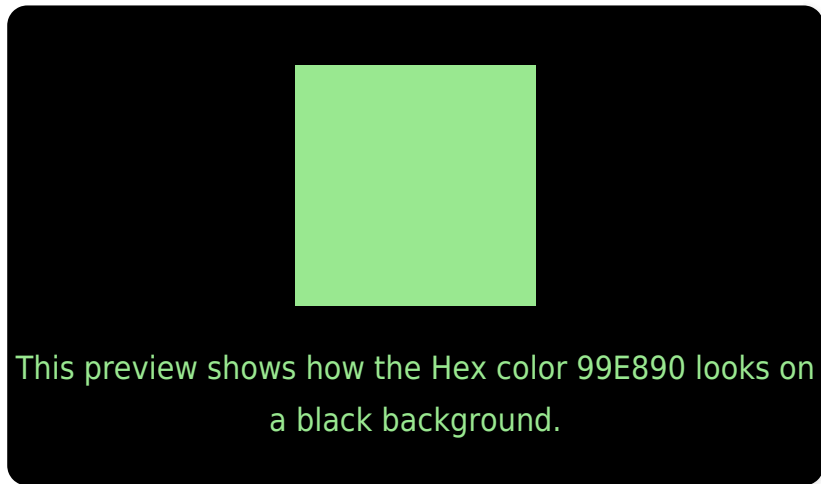
Large Text (above 18pt) WCAG AA × Fail

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 99E890 Background



This preview shows how black text looks on a background with the Hex color 99E890.

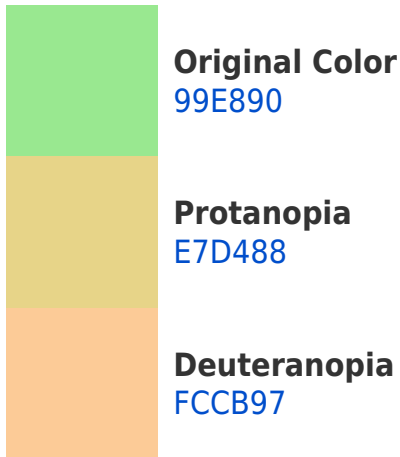


This preview shows how white text looks on a background with the Hex color 99E890.

# 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





# Trichromacy



**Original Color**  
99E890



**Protanomaly**  
CBDB8B



**Deuteranomaly**  
D8D694



**Tritanomaly**  
A4E1CC

# Monochromacy



**Original Color**  
99E890



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B6D2B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E890 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 #99E890 looks like.

```
.text, #text, p{  
    color:#99E890  
}
```

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 #99E890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E890
}
```

## Border

The CSS property to change the border of an element to Hex 99E890 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
#99E890 }
```

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

```
.border{ border-color:#99E890 }
```

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

Here you see how a box with a 4 pixel #99E890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E890; -webkit-box-shadow:4px 4px  
4px 4px #99E890; box-shadow:4px 4px 4px  
4px #99E890 }
```

# Background

The CSS property to change the background color of an element to Hex 99E890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E890 }
```

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

```
.background{ background-color:#99E890 }
```

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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