

# Converting Colors

Hex(79E38A)

Have a look what the booklet for  
Hex(79E38A) contains.

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**Color**

**Hex(79E38A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79E38A
RGB	121, 227, 138
RGB Percent	47%, 89%, 54%
CMY	0.5255, 0.1098, 0.4588
CMYK	0.47, 0.00, 0.39, 0.11
HSL	130°, 65%, 68%
HSV	130°, 47%, 89%
XYZ	39.9417, 60.8381, 33.6825
YIQ	185.1600, -34.6070, -50.1510

# Conversions

## Conversions Part 2

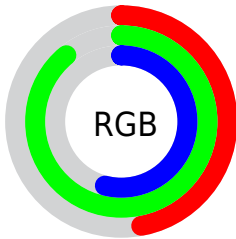
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 212, 227
Decimal	7988106
CIELab	82.29, -49.16, 34.21
CIElCh	82, 59.888, 145.169
Yxy	60.8381, 0.2970, 0.4525
Android (android.graphics.Color)	4286178186 (0xFF79E38A)
YUV	185.1600, -23.2499, -56.2683
Hunter-Lab	77.9988, -45.0914, 28.9957

# Details

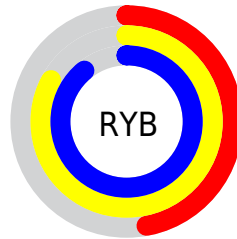
The Hex color **79E38A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E379D2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B2FFC0**, and **3EAB57** is the 20% darker color. If you saturate the color by 10%, you get **62E377**, and if you desaturate by 10%, it is **90E39D**.

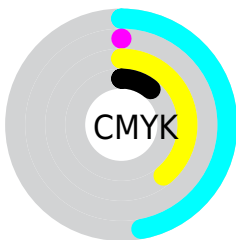
# Distribution



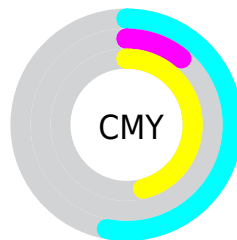
- Red (47%)
- Green (89%)
- Blue (54%)



- Red (47%)
- Yellow (83%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79E38A 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 79E38A by changing the saturation by 10% instead.



 79E38A

 79E38A

FFFFFF

 5CC770

 B2FFC0

 3EAB57

 D0FFDC

 1A903E

 EDFFF9

 007526

 005C0D

 004300

 002D00

 000F00

 000000

 79E38A

 79E38A

 62E377

 90E39D

 4CE364

 A6E3B0

 35E351

 BDE3C3

 1EE33E

 D4E3D6

 08E32B

 EAE3E9

 00E324

 FFE3FC

 FFE3FF

# Harmonies

## Analogous

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



BED862



79E38A



00E9C1

# Triad

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



79E38A



43D5FF



FFA1A0

# Complementary

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



79E38A



E379D2

# 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.



FF9DD8



79E38A



C2C2FF

# Square

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



79E38A



00E3FF



FFACFF



FFB272

# Rectangle

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



79E38A



00E9E8



FFACFF



FF9DB2

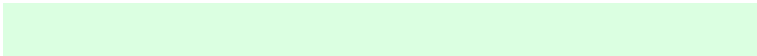


# Sweetspot

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



79E38A



DBFFE1



D3E379



6A806D



000000



808080



# Same Dimension

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



79E38A



70FF87



79E3BE



677369



00B31D



003308



# Inverse Universe

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



E379D2



FF70E8



E3799E



736771



B30096

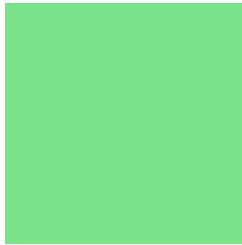


33002B



# Previews

## White Background



This preview shows how the Hex color 79E38A 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 79E38A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

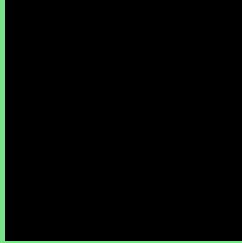
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79E38A Background



This preview shows how black text looks on a background with the Hex color 79E38A.

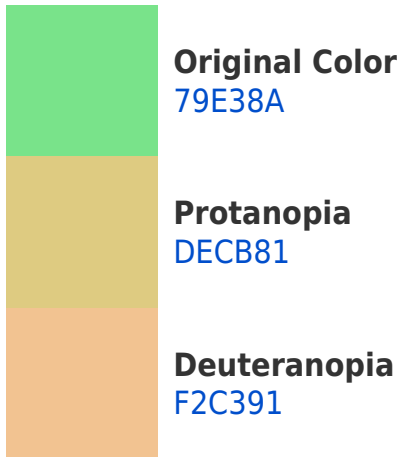


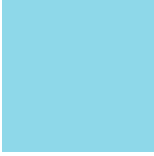
This preview shows how white text looks on a background with the Hex color 79E38A.

# 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](#).

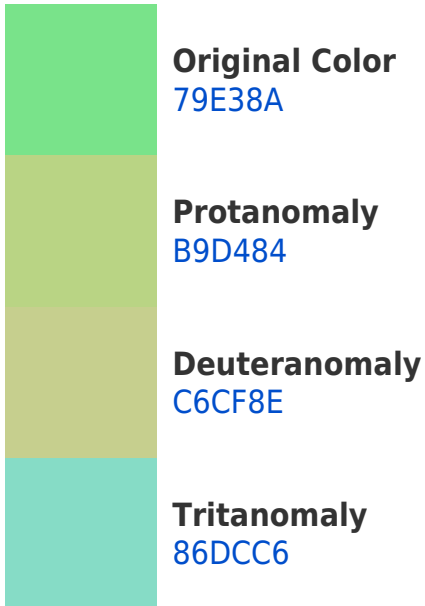
## Dichromacy



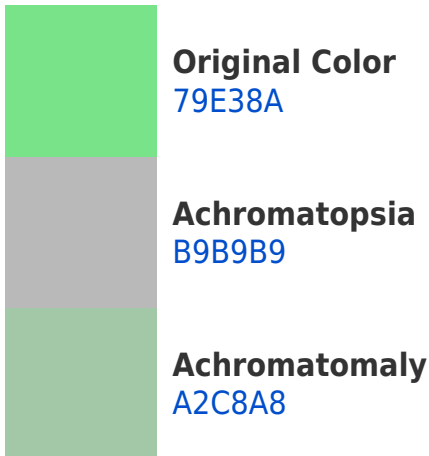


**Tritanopia**  
8ED8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79E38A 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 #79E38A looks like.

```
.text, #text, p{  
    color:#79E38A  
}
```

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 #79E38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E38A
}
```

## Border

The CSS property to change the border of an element to Hex 79E38A 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
#79E38A }
```

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

```
.border{ border-color:#79E38A }
```

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

Here you see how a box with a 4 pixel #79E38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E38A; -webkit-box-shadow:4px 4px  
4px 4px #79E38A; box-shadow:4px 4px 4px  
4px #79E38A }
```

# Background

The CSS property to change the background color of an element to Hex 79E38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E38A }
```

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

```
.background{ background-color:#79E38A }
```

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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