

# Converting Colors

Hex(7FE28F)

Have a look what the booklet for  
Hex(7FE28F) contains.

<b>Hex(7FE28F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7FE28F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE28F
RGB	127, 226, 143
RGB Percent	50%, 89%, 56%
CMY	0.5020, 0.1137, 0.4392
CMYK	0.44, 0.00, 0.37, 0.11
HSL	130°, 63%, 69%
HSV	130°, 44%, 89%
XYZ	40.9067, 60.8879, 35.5831
YIQ	186.9370, -32.3610, -46.8010

# Conversions

## Conversions Part 2

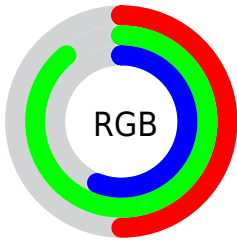
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 212, 226
Decimal	8381071
CIELab	82.32, -46.28, 31.75
CIELCh	82, 56.128, 145.546
Yxy	60.8879, 0.2978, 0.4432
Android (android.graphics.Color)	4286571151 (0xFF7FE28F)
YUV	186.9370, -21.6609, -52.5647
Hunter-Lab	78.0307, -42.9772, 27.5844

# Details

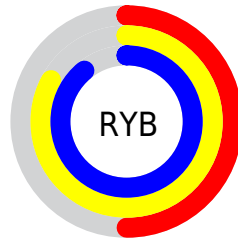
The Hex color **7FE28F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E27FD2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B8FFC5**, and **46AA5C** is the 20% darker color. If you saturate the color by 10%, you get **68E27C**, and if you desaturate by 10%, it is **96E2A2**.

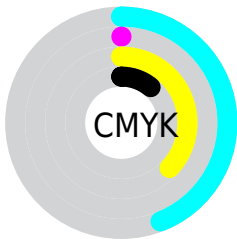
# Distribution



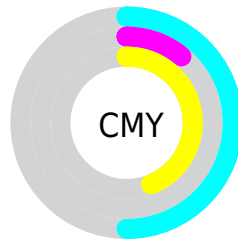
- Red (50%)
- Green (89%)
- Blue (56%)



- Red (50%)
- Yellow (83%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FE28F 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 7FE28F by changing the saturation by 10% instead.



 7FE28F

 7FE28F

FFFFFF

 63C675

 B8FFC5

 46AA5C

 D5FFE2

 268F43

 F3FFFE

 00752B

 005B14

 004300

 002C00

 000F00

 000000

 7FE28F

 7FE28F

 68E27C

 96E2A2

 52E269

 ACE2B5

 3BE256

 C3E2C8

 25E243

 D9E2DB

 0EE230

 F0E2EE

 00E225

 FFE2FF

# Harmonies

## Analogous

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



BFD76A



7FE28F



00E7C3

# Triad

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



7FE28F



5BD5FF



FFA4A2

# Complementary

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



7FE28F



E27FD2

# 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.



FFA1D7



7FE28F



C5C2FF

# Square

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



7FE28F



00E1FF



FFAEFF



FFB477

# Rectangle

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



7FE28F



00E8E7



FFAEFF



FFA2B3

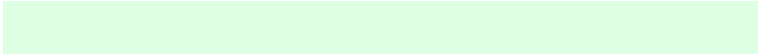


# Sweetspot

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



7FE28F



DEFFE3



D3E27F



6B806E



000000



808080



# Same Dimension

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



7FE28F



78FF8E



7FE2BF



657067



00B01C



003008



# Inverse Universe

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



E27FD2



FF78E9



E27FA2



70656E



B00094

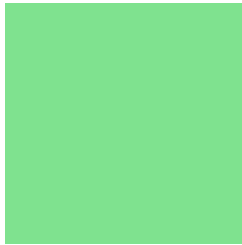


300029



# Previews

## White Background



This preview shows how the Hex color 7FE28F looks on a white background.

## Color Contrast Check

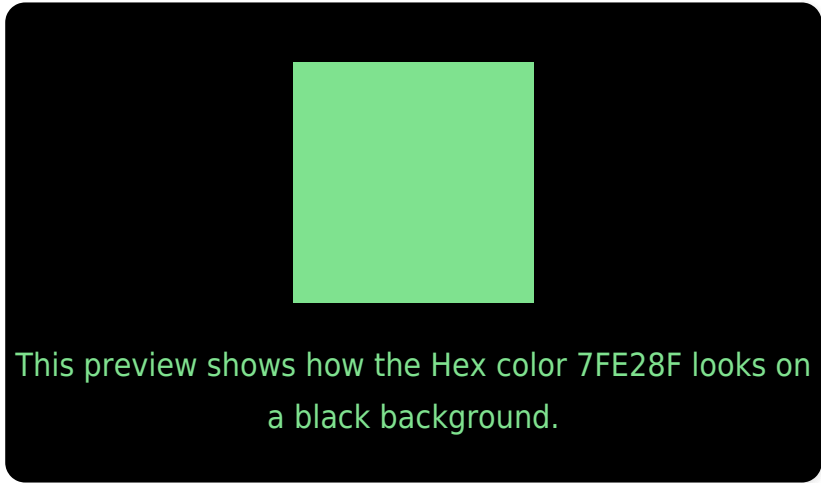
Large Text (above 18pt) WCAG AA × Fail

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 7FE28F Background



This preview shows how black text looks on a background with the Hex color 7FE28F.

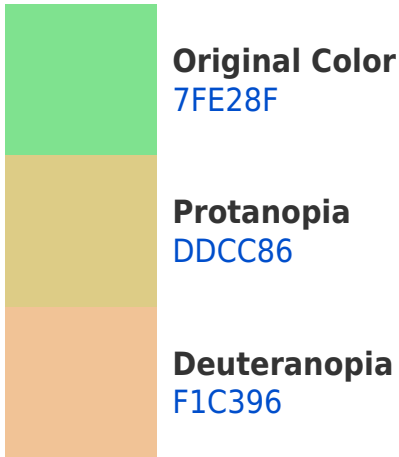


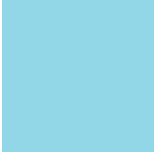
This preview shows how white text looks on a background with the Hex color 7FE28F.

# 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](#).

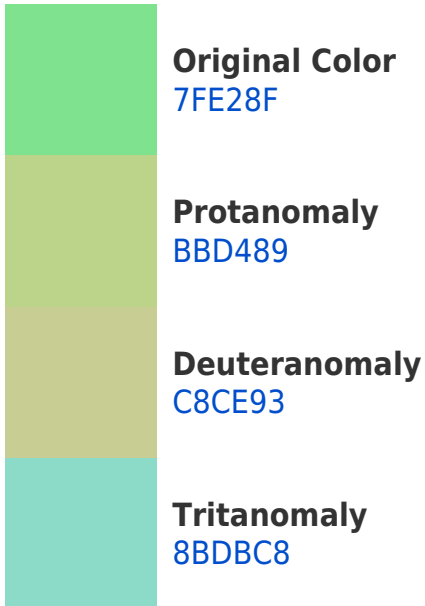
## Dichromacy



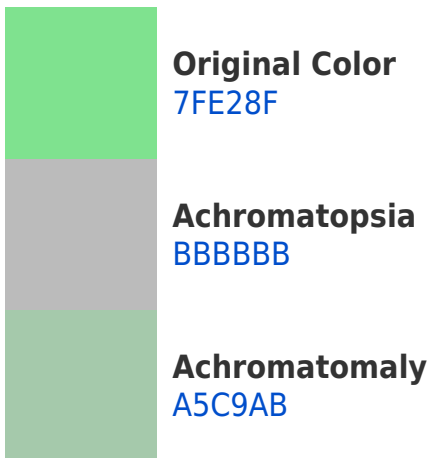


**Tritanopia**  
92D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FE28F 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 #7FE28F looks like.

```
.text, #text, p{  
    color:#7FE28F  
}
```

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 #7FE28F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE28F
}
```

## Border

The CSS property to change the border of an element to Hex 7FE28F 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
#7FE28F }
```

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

```
.border{ border-color:#7FE28F }
```

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

Here you see how a box with a 4 pixel #7FE28F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE28F; -webkit-box-shadow:4px 4px  
4px 4px #7FE28F; box-shadow:4px 4px 4px  
4px #7FE28F }
```

# Background

The CSS property to change the background color of an element to Hex 7FE28F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE28F }
```

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

```
.background{ background-color:#7FE28F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor