

Converting Colors

Hex(7FE49D)

Have a look what the booklet for
Hex(7FE49D) contains.

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Color

Hex(7FE49D)

Conversions

Conversions Part 1

Format	Color
Hex	7FE49D
RGB	127, 228, 157
RGB Percent	50%, 89%, 62%
CMY	0.5020, 0.1059, 0.3843
CMYK	0.44, 0.00, 0.31, 0.11
HSL	138°, 65%, 70%
HSV	138°, 44%, 89%
XYZ	42.5816, 62.4332, 41.7048
YIQ	189.7070, -37.4050, -43.4930

Conversions

Conversions Part 2

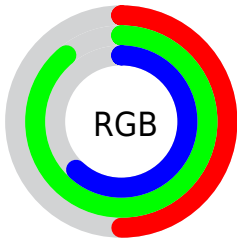
Format	Color
RYB	127, 205, 228
Decimal	8381597
CIELab	83.14, -44.75, 25.69
CIElCh	83, 51.603, 150.143
Yxy	62.4332, 0.2902, 0.4255
Android (android.graphics.Color)	4286571677 (0xFF7FE49D)
YUV	189.7070, -16.1246, -54.9940
Hunter-Lab	79.0147, -42.0806, 24.0163

Details

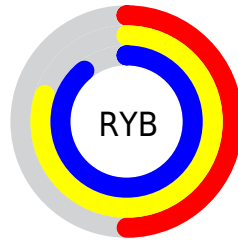
The Hex color **7FE49D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E47FC6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B8FFD4**, and **46AC69** is the 20% darker color. If you saturate the color by 10%, you get **68E48D**, and if you desaturate by 10%, it is **96E4AD**.

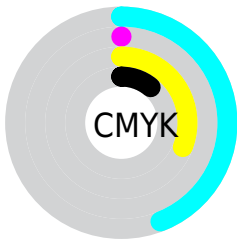
Distribution



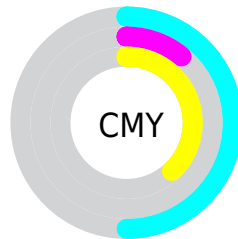
- Red (50%)
- Green (89%)
- Blue (62%)



- Red (50%)
- Yellow (80%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE49D 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 7FE49D by changing the saturation by 10% instead.

 7FE49D

 7FE49D

FFFFFF

 63C883

 B8FFD4

 46AC69

 D5FFF0

 269151

 F3FFFF

 007639

 005D22

 00440B

 002E00

 001300

 000000

 7FE49D

 7FE49D

 68E48D

 96E4AD

 51E47D

 ADE4BD

 3BE46D

 C3E4CD

 24E45D

 DAE4DD

 0DE44D

 F1E4ED

 00E444

 FFE4FD

 FFE4FF

Harmonies

Analogous

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



BBDB79



7FE49D



15E8CE

Triad

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



7FE49D



80D4FF



FFACA1

Complementary

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



7FE49D



E47FC6

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.



FFA8D1



7FE49D



D4C2FF

Square

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



7FE49D



00E1FF



FFB1FF



FFB77C

Rectangle

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



7FE49D



00E8EF



FFB1FF



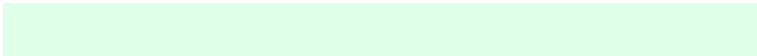
FFA9B0

Sweetspot

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



7FE49D



DEFFE8



C7E47F



6B8071



000000



808080

Same Dimension

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



7FE49D



78FFA0



7FE4CE



67736B



00B335



00330F

Inverse Universe

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



E47FC6



FF78D7



E47F95



73676F



B3007D



330024

Previews

White Background



This preview shows how the Hex color 7FE49D 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 7FE49D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

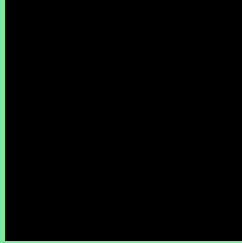
Any Text WCAG AA ✓ Pass

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 7FE49D Background



This preview shows how black text looks on a background with the Hex color 7FE49D.

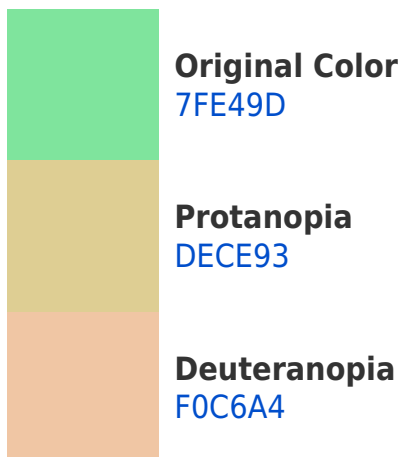


This preview shows how white text looks on a background with the Hex color 7FE49D.

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
91DAEC

Trichromacy



Original Color
7FE49D



Protanomaly
BBD697



Deuteranomaly
C7D1A1

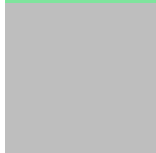


Tritanomaly
8ADEC F

Monochromacy



Original Color
7FE49D



Achromatopsia
BEBEBE



Achromatomaly
A7CCB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE49D 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 #7FE49D looks like.

```
.text, #text, p{  
    color:#7FE49D  
}
```

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 #7FE49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE49D
}
```

Border

The CSS property to change the border of an element to Hex 7FE49D 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
#7FE49D }
```

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

```
.border{ border-color:#7FE49D }
```

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

Here you see how a box with a 4 pixel #7FE49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE49D; -webkit-box-shadow:4px 4px  
4px 4px #7FE49D; box-shadow:4px 4px 4px  
4px #7FE49D }
```

Background

The CSS property to change the background color of an element to Hex 7FE49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE49D }
```

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

```
.background{ background-color:#7FE49D }
```

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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