

Converting Colors

Hex(7FA87F)

Have a look what the booklet for
Hex(7FA87F) contains.

Hex(7FA87F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7FA87F)

Conversions

Conversions Part 1

Format	Color
Hex	7FA87F
RGB	127, 168, 127
RGB Percent	50%, 66%, 50%
CMY	0.5020, 0.3412, 0.5020
CMYK	0.24, 0.00, 0.24, 0.34
HSL	120°, 19%, 58%
HSV	120°, 24%, 66%
XYZ	26.5858, 34.0496, 25.2497
YIQ	151.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

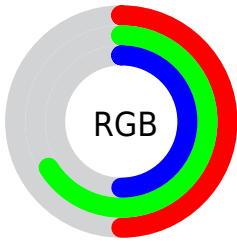
Format	Color
RYB	127, 168, 168
Decimal	8366207
CIELab	65.00, -22.15, 16.78
CIELCh	65, 27.792, 142.850
Yxy	34.0496, 0.3096, 0.3965
Android (android.graphics.Color)	4286556287 (0xFF7FA87F)
YUV	151.0670, -11.8650, -21.1068
Hunter-Lab	58.3520, -20.7896, 15.1909

Details

The Hex color **7FA87F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A87FA8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B4DFB4**, and **4D744E** is the 20% darker color. If you saturate the color by 10%, you get **6EA86E**, and if you desaturate by 10%, it is **90A890**.

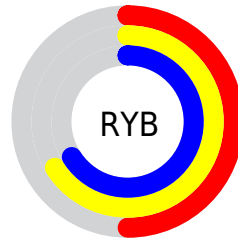
Distribution



Red (50%)

Green (66%)

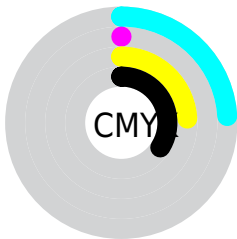
Blue (50%)



Red (50%)

Yellow (66%)

Blue (66%)

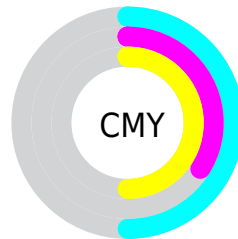


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA87F 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 7FA87F by changing the saturation by 10% instead.

 7FA87F

 7FA87F

FFFFFF

 658D66

 B4DFB4

 4D744E

 D0FCCF

 355B37

 EDF FEC

 1D4321

 052D0B

 001A00

 000000

 7FA87F

 7FA87F

 6EA86E

 90A890

 5DA85D

 A1A8A1

 4DA84D

 B1A8B1

 3CA83C

 C2A8C2

 2BA82B

 D3A8D3

 1AA81A

 E4A8E4

 09A809

 F5A8F5

 00A800

 FFA8FF

Harmonies

Analogous

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



9CA26F



7FA87F



63AB97

Triad

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



7FA87F



75A2CF



D08C8C

Complementary

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



7FA87F



A87FA8

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.



CB8CA5



7FA87F



9999CB

Square

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



7FA87F



56A8C5



B891BC



C79277

Rectangle

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



7FA87F



54ACA8



B891BC



D08B94

Sweetspot

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



7FA87F



CCDBCC



A8A87F



656E65



EDEDED



6E6E6E

Same Dimension

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



7FA87F



9CDB9C



7FA893



4C544C



009400



001400

Inverse Universe

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



A87FA8



DB9CDB



A87F93



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 7FA87F looks on a white background.

Color Contrast Check

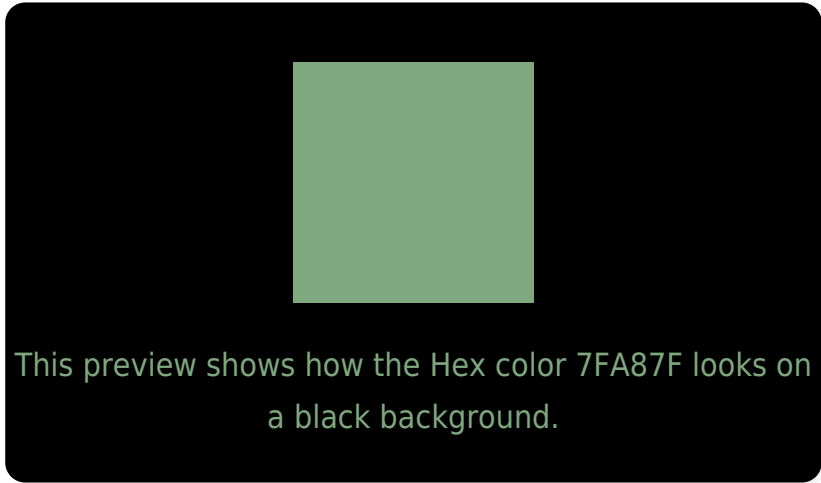
Large Text (above 18pt) WCAG AA × Fail

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

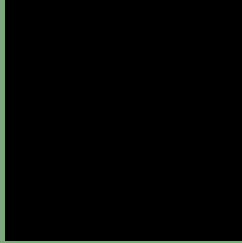
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

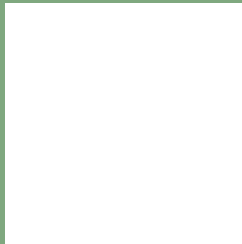
Any Text WCAG AAA ✓ Pass

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

Hex 7FA87F Background



This preview shows how black text looks on a background with the Hex color 7FA87F.



This preview shows how white text looks on a background with the Hex color 7FA87F.

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](#).

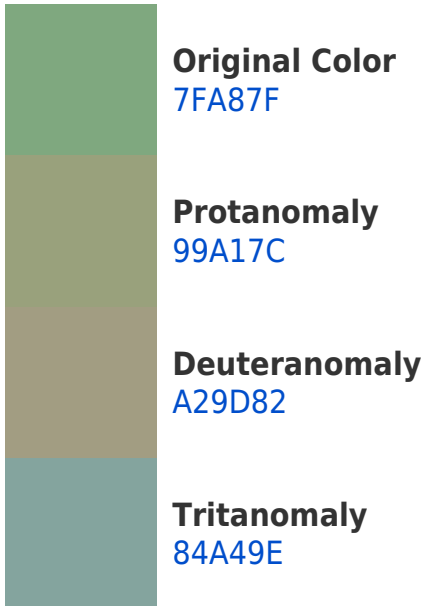
Dichromacy





Tritanopia
87A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA87F 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 #7FA87F looks like.

```
.text, #text, p{  
    color:#7FA87F  
}
```

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 #7FA87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA87F
}
```

Border

The CSS property to change the border of an element to Hex 7FA87F 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
#7FA87F }
```

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

```
.border{ border-color:#7FA87F }
```

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

Here you see how a box with a 4 pixel #7FA87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA87F; -webkit-box-shadow:4px 4px  
4px 4px #7FA87F; box-shadow:4px 4px 4px  
4px #7FA87F }
```

Background

The CSS property to change the background color of an element to Hex 7FA87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA87F }
```

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

```
.background{ background-color:#7FA87F }
```

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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