

Converting Colors

Hex(7FA87B)

Have a look what the booklet for
Hex(7FA87B) contains.

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Color

Hex(7FA87B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FA87B |
| RGB | 127, 168, 123 |
| RGB Percent | 50%, 66%, 48% |
| CMY | 0.5020, 0.3412, 0.5176 |
| CMYK | 0.24, 0.00, 0.27, 0.34 |
| HSL | 115°, 21%, 57% |
| HSV | 115°, 27%, 66% |
| XYZ | 26.3302, 33.9473, 23.9036 |
| YIQ | 150.6110, -9.9910, -22.6870 |

Conversions

Conversions Part 2

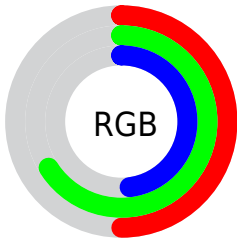
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 123, 168, 164 |
| Decimal | 8366203 |
| CIELab | 64.92, -22.85, 18.87 |
| CIELCh | 65, 29.635, 140.457 |
| Yxy | 33.9473, 0.3128, 0.4033 |
| Android (android.graphics.Color) | 4286556283 (0xFF7FA87B) |
| YUV | 150.6110, -13.6122, -20.7068 |
| Hunter-Lab | 58.2644, -21.2969, 16.4606 |

Details

The Hex color **7FA87B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A47BA8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B5DFB0**, and **4D744A** is the 20% darker color. If you saturate the color by 10%, you get **70A86A**, and if you desaturate by 10%, it is **8EA88C**.

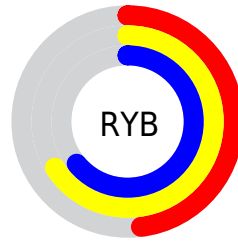
Distribution



Red (50%)

Green (66%)

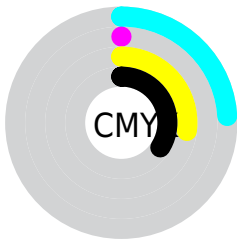
Blue (48%)



Red (48%)

Yellow (66%)

Blue (64%)

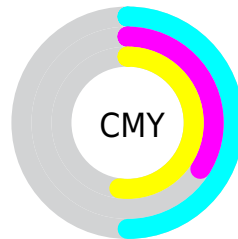


Cyan (24%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA87B 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 7FA87B by changing the saturation by 10% instead.



7FA87B



7FA87B

FFFFFF



658D62



B5DFB0



4D744A



D0FCCB



355B33



EDFFE7



1D431D



062D06



001A00



000000



7FA87B



7FA87B



70A86A



8EA88C

 60A859

 9EA89D

 51A849

 ADA8AD

 42A838

 BCA8BE

 32A827

 CCA8CF

 23A816

 DBA8E0

 14A805

 EAA8F1

 0FA800

 F9A8FF

 FFA8FF

Harmonies

Analogous

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



9DA26B



7FA87B



60AC94

Triad

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



7FA87B



6DA3D1



D28A8C

Complementary

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



7FA87B



A47BA8

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.



CC8AA7



7FA87B



959ACF

Square

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



7FA87B



4CA9C6



B791C0



CB9076

Rectangle

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



7FA87B



4EACA6



B791C0



D28A95

Sweetspot

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



7FA87B



CBDBCA



A8A37B



646E63



EDEDED



6E6E6E

Same Dimension

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



7FA87B



9BDB95



7BA88D



4C544C



0D9400



021400

Inverse Universe

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



A47BA8



D595DB



A87B96



534C54



870094



130014

Previews

White Background



This preview shows how the Hex color 7FA87B looks on a white background.

Color Contrast Check

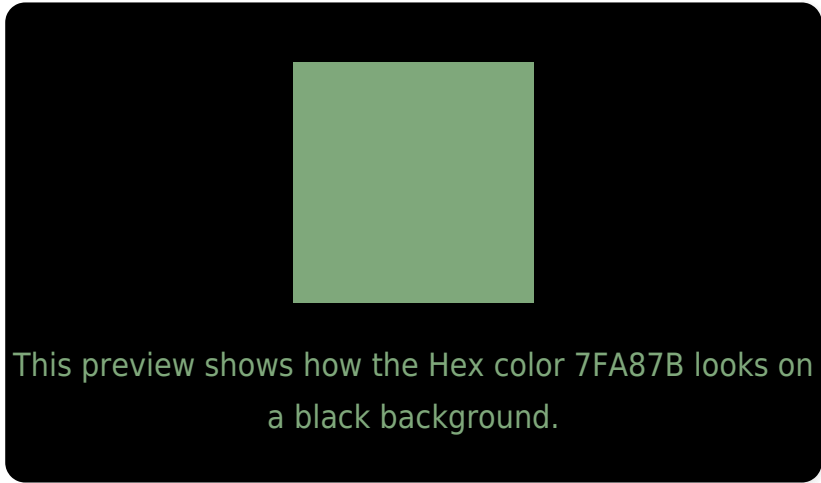
Large Text (above 18pt) WCAG AA × Fail

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

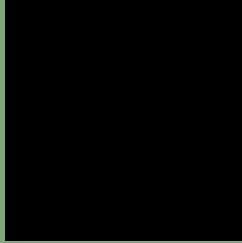
Any Text WCAG AA ✓ Pass

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 7FA87B Background



This preview shows how black text looks on a background with the Hex color 7FA87B.

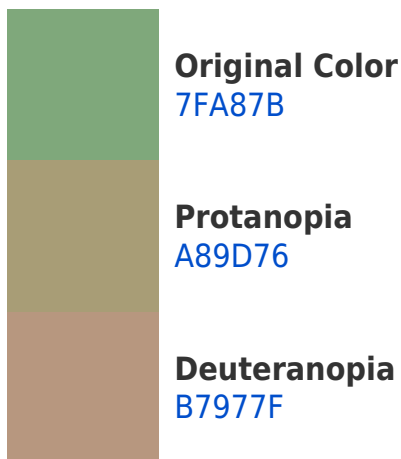


This preview shows how white text looks on a background with the Hex color 7FA87B.

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](#).

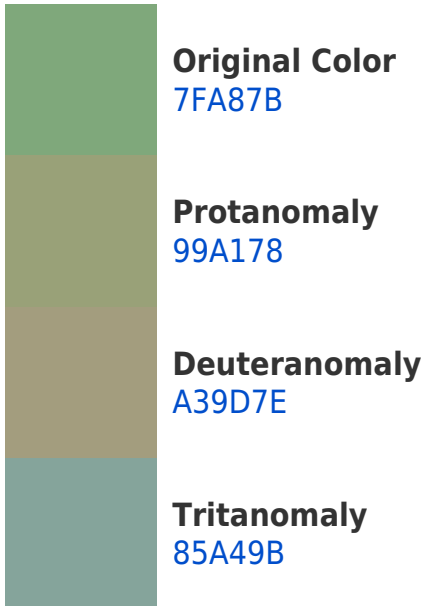
Dichromacy





Tritanopia
88A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA87B 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 #7FA87B looks like.

```
.text, #text, p{  
    color:#7FA87B  
}
```

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 #7FA87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA87B
}
```

Border

The CSS property to change the border of an element to Hex 7FA87B 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
#7FA87B }
```

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

```
.border{ border-color:#7FA87B }
```

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

Here you see how a box with a 4 pixel #7FA87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA87B; -webkit-box-shadow:4px 4px  
4px 4px #7FA87B; box-shadow:4px 4px 4px  
4px #7FA87B }
```

Background

The CSS property to change the background color of an element to Hex 7FA87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA87B }
```

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

```
.background{ background-color:#7FA87B }
```

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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