

Converting Colors

Hex(6AA97F)

Have a look what the booklet for
Hex(6AA97F) contains.

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Color

Hex(6AA97F)

Conversions

Conversions Part 1

Format	Color
Hex	6AA97F
RGB	106, 169, 127
RGB Percent	42%, 66%, 50%
CMY	0.5843, 0.3373, 0.5020
CMYK	0.37, 0.00, 0.25, 0.34
HSL	140°, 27%, 54%
HSV	140°, 37%, 66%
XYZ	23.9626, 32.9724, 25.1800
YIQ	145.3750, -24.0660, -26.4180

Conversions

Conversions Part 2

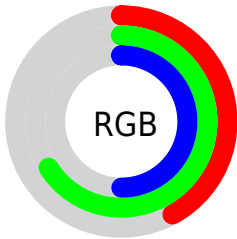
Format	Color
RYB	106, 153, 169
Decimal	6990207
CIELab	64.14, -29.56, 15.41
CIElCh	64, 33.335, 152.468
Yxy	32.9724, 0.2918, 0.4015
Android (android.graphics.Color)	4285180287 (0xFF6AA97F)
YUV	145.3750, -9.0589, -34.5319
Hunter-Lab	57.4216, -25.9980, 14.1958

Details

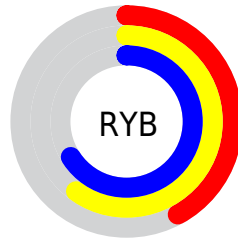
The Hex color **6AA97F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A96A94**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9FE1B4**, and **37744E** is the 20% darker color. If you saturate the color by 10%, you get **59A974**, and if you desaturate by 10%, it is **7BA98A**.

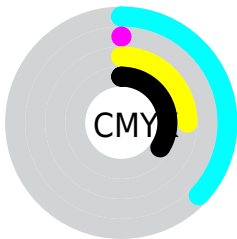
Distribution



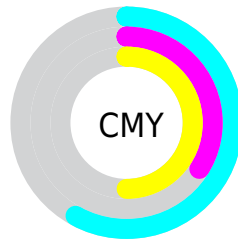
- Red (42%)
- Green (66%)
- Blue (50%)



- Red (42%)
- Yellow (60%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA97F 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 6AA97F by changing the saturation by 10% instead.



6AA97F



6AA97F

FFFFFF



508E66



9FE1B4



37744E



BBFDCF



1C5B37



D7FFEC



004321



F4FFFF



002D0B



001700



000000



6AA97F



6AA97F



59A974



7BA98A

■ 48A968

■ 8CA996

■ 37A95D

■ 9DA9A1

■ 26A952

■ AEA9AC

■ 15A947

■ BEA9B7

■ 05A93B

■ CFA9C3

■ 00A938

■ E0A9CE

■ F1A9D9

■ FFA9E4

Harmonies

Analogous

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



8EA368



6AA97F



44AB9D

Triad

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



6AA97F



759DD6



D4887D

Complementary

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



6AA97F



A96A94

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.



D4859A



6AA97F



A293CE

Square

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



6AA97F



44A6CF



C389B7



C69067

Rectangle

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



6AA97F



2EABB1



C389B7



D68686

Sweetspot

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



6AA97F



C3DBC8



94A96A



5F6E64



EDEDED



6E6E6E

Same Dimension

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



6AA97F



79DB9A



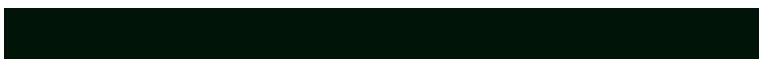
6AA99E



4C544F



009431



001407

Inverse Universe

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



A96A94



DB79BA



A96A75



544C51



940063



14000E

Previews

White Background



This preview shows how the Hex color 6AA97F looks on a white background.

Color Contrast Check

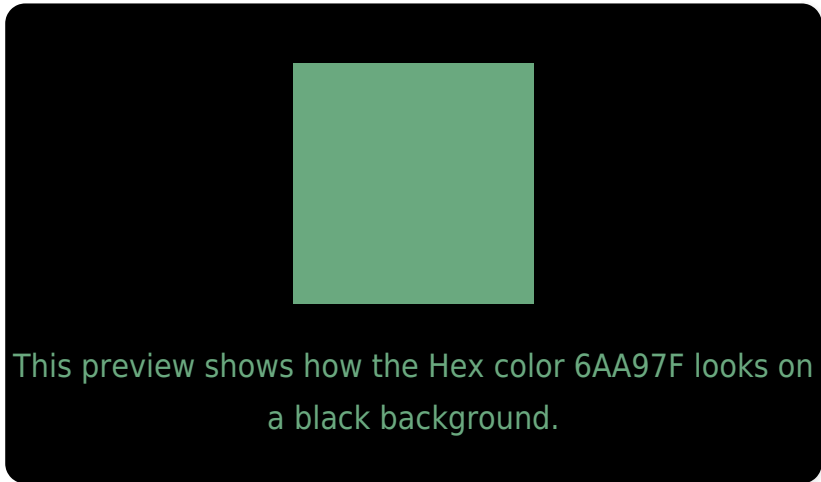
Large Text (above 18pt) WCAG AA × Fail

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

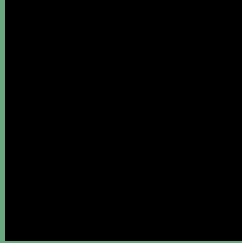
Any Text WCAG AA ✓ Pass

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 6AA97F Background



This preview shows how black text looks on a background with the Hex color 6AA97F.

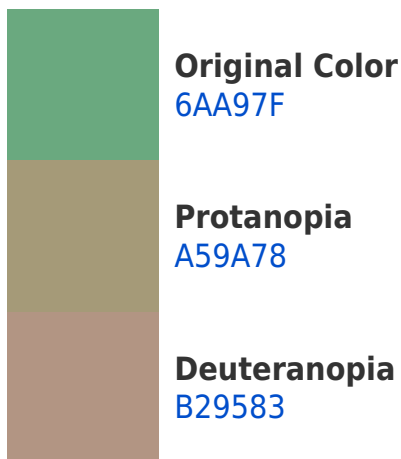


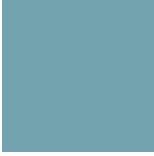
This preview shows how white text looks on a background with the Hex color 6AA97F.

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](#).

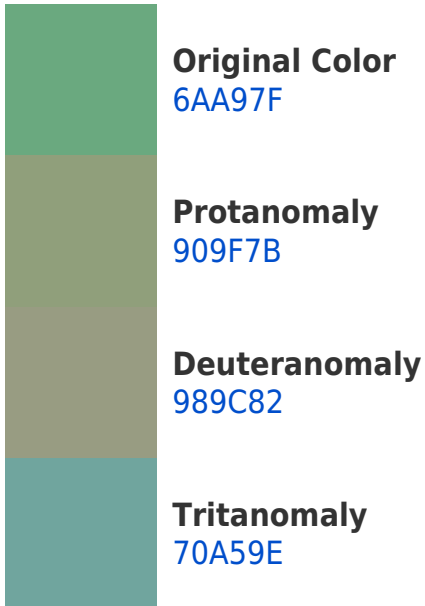
Dichromacy



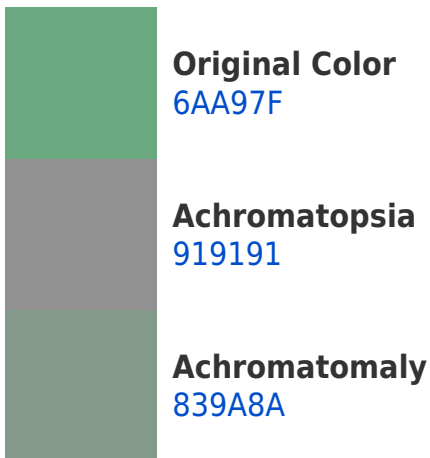


Tritanopia
74A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA97F 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 #6AA97F looks like.

```
.text, #text, p{  
    color:#6AA97F  
}
```

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 #6AA97F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA97F
}
```

Border

The CSS property to change the border of an element to Hex 6AA97F 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
#6AA97F }
```

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

```
.border{ border-color:#6AA97F }
```

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

Here you see how a box with a 4 pixel #6AA97F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA97F; -webkit-box-shadow:4px 4px  
4px 4px #6AA97F; box-shadow:4px 4px 4px  
4px #6AA97F }
```

Background

The CSS property to change the background color of an element to Hex 6AA97F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA97F }
```

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

```
.background{ background-color:#6AA97F }
```

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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