

Converting Colors

Hex(7AA877)

Have a look what the booklet for
Hex(7AA877) contains.

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Color

Hex(7AA877)

Conversions

Conversions Part 1

Format	Color
Hex	7AA877
RGB	122, 168, 119
RGB Percent	48%, 66%, 47%
CMY	0.5216, 0.3412, 0.5333
CMYK	0.27, 0.00, 0.29, 0.34
HSL	116°, 22%, 56%
HSV	116°, 29%, 66%
XYZ	25.3584, 33.4747, 22.5775
YIQ	148.6600, -11.6870, -24.9910

Conversions

Conversions Part 2

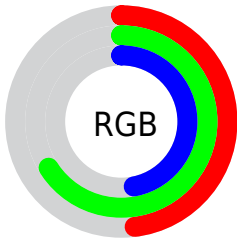
Format	Color
RYB	119, 168, 165
Decimal	8038519
CIELab	64.54, -25.29, 20.49
CIELCh	65, 32.547, 140.981
Yxy	33.4747, 0.3115, 0.4112
Android (android.graphics.Color)	4286228599 (0xFF7AA877)
YUV	148.6600, -14.6224, -23.3808
Hunter-Lab	57.8574, -23.0152, 17.3636

Details

The Hex color **7AA877** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A577A8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFDFAB**, and **487446** is the 20% darker color. If you saturate the color by 10%, you get **6AA866**, and if you desaturate by 10%, it is **8AA888**.

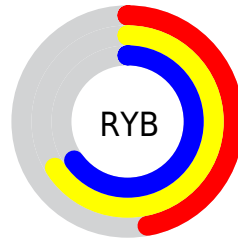
Distribution



Red (48%)

Green (66%)

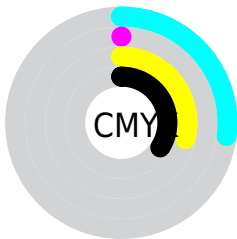
Blue (47%)



Red (47%)

Yellow (66%)

Blue (65%)

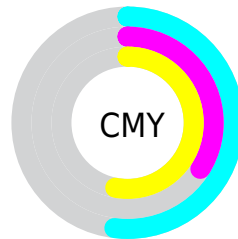


Cyan (27%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA877 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 7AA877 by changing the saturation by 10% instead.

 7AA877

 7AA877

FFFFFF

 608D5E

 AFDFAB

 487446

 CBFCC7

 2F5B2F

 E8FFE3

 17431A

 002C01

 001900

 000000

 7AA877

 7AA877

 6AA866

 8AA888

 5AA855

 9AA899

 4BA845

 A9A8A9

 3BA834

 B9A8BA

 2BA823

 C9A8CB

 1BA812

 D9A8DC

 0CA801

 E8A8ED

 0AA800

 F8A8FD

 FFA8FF

Harmonies

Analogous

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



9BA165



7AA877



56AC92

Triad

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



7AA877



66A2D5



D68789

Complementary

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



7AA877



A577A8

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.



D087A7



7AA877



9498D3

Square

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



7AA877



3BA9C9



B98EC1



CD8E70

Rectangle

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



7AA877



3FACA7



B98EC1



D68693

Sweetspot

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



7AA877



C9DBC8



A8A577



626E62



EDEDED



6E6E6E

Same Dimension

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



7AA877



93DB8F



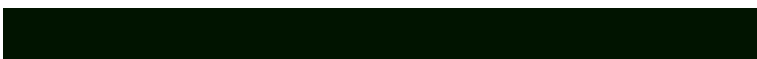
77A88C



4C544C



099400



011400

Inverse Universe

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



A577A8



D78FDB



A87793



544C54



8B0094



130014

Previews

White Background



This preview shows how the Hex color 7AA877 looks on a white background.

Color Contrast Check

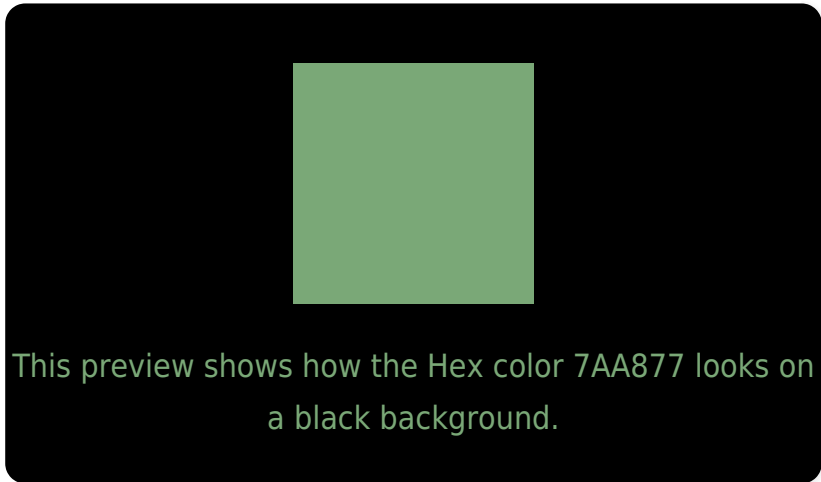
Large Text (above 18pt) WCAG AA × Fail

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

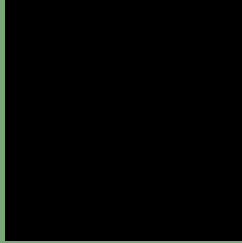
Any Text WCAG AA ✓ Pass

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 7AA877 Background



This preview shows how black text looks on a background with the Hex color 7AA877.

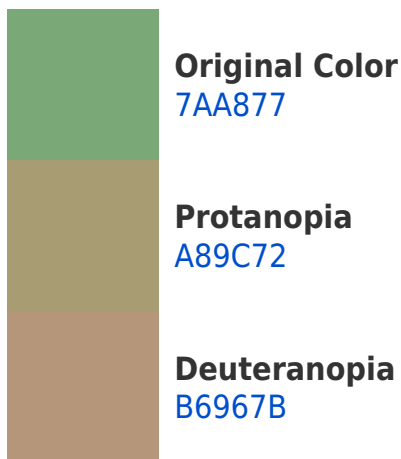


This preview shows how white text looks on a background with the Hex color 7AA877.

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](#).

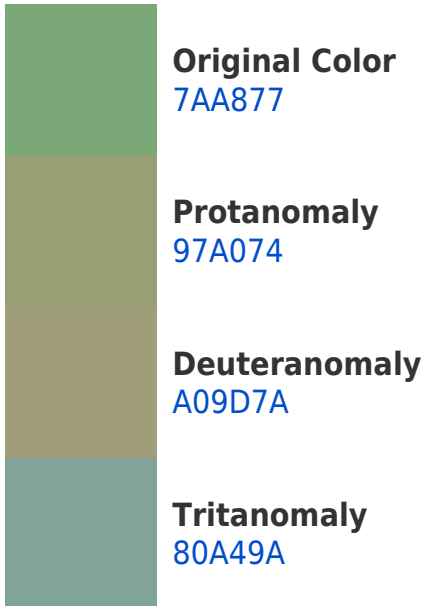
Dichromacy





Tritanopia
84A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA877 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 #7AA877 looks like.

```
.text, #text, p{  
    color:#7AA877  
}
```

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 #7AA877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA877
}
```

Border

The CSS property to change the border of an element to Hex 7AA877 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
#7AA877 }
```

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

```
.border{ border-color:#7AA877 }
```

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

Here you see how a box with a 4 pixel #7AA877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA877; -webkit-box-shadow:4px 4px  
4px 4px #7AA877; box-shadow:4px 4px 4px  
4px #7AA877 }
```

Background

The CSS property to change the background color of an element to Hex 7AA877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA877 }
```

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

```
.background{ background-color:#7AA877 }
```

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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