

Converting Colors

Hex(6AAC87)

Have a look what the booklet for
Hex(6AAC87) contains.

Hex(6AAC87)	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(6AAC87)

Conversions

Conversions Part 1

Format	Color
Hex	6AAC87
RGB	106, 172, 135
RGB Percent	42%, 67%, 53%
CMY	0.5843, 0.3255, 0.4706
CMYK	0.38, 0.00, 0.22, 0.33
HSL	146°, 28%, 55%
HSV	146°, 38%, 67%
XYZ	25.0696, 34.3185, 28.2245
YIQ	148.0480, -27.4590, -25.4990

Conversions

Conversions Part 2

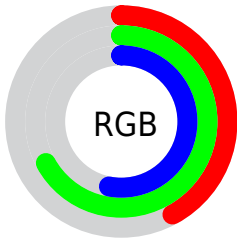
Format	Color
RYB	106, 152, 172
Decimal	6990983
CIELab	65.21, -29.41, 12.50
CIElCh	65, 31.954, 156.966
Yxy	34.3185, 0.2861, 0.3917
Android (android.graphics.Color)	4285181063 (0xFF6AAC87)
YUV	148.0480, -6.4327, -36.8761
Hunter-Lab	58.5820, -26.1312, 12.4418

Details

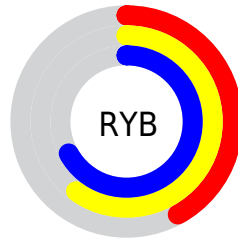
The Hex color **6AAC87** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC6A8F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A0E4BC**, and **367755** is the 20% darker color. If you saturate the color by 10%, you get **59AC7D**, and if you desaturate by 10%, it is **7BAC91**.

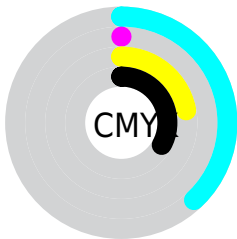
Distribution



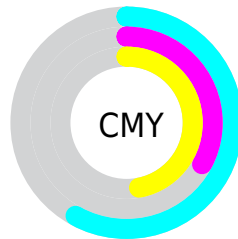
- Red (42%)
- Green (67%)
- Blue (53%)



- Red (42%)
- Yellow (60%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAC87 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 6AAC87 by changing the saturation by 10% instead.



6AAC87



6AAC87

FFFFFF



50916E



A0E4BC



367755



BBFFD8



1B5E3E



D8FFF5



004628



F5FFFF



002F13



001B00



000000



6AAC87



6AAC87



59AC7D



7BAC91

 48AC74

 8CAC9A

 36AC6A

 9EACA4

 25AC60

 AFACAE

 14AC57

 C0ACB7

 03AC4D

 D1ACC1

 00AC4C

 E2ACCA

 F4ACD4

 FFACDE

Harmonies

Analogous

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



8CA770



6AAC87



48AEA4

Triad

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



6AAC87



819FD7



D48C7D

Complementary

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



6AAC87



AC6A8F

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.



D68899



6AAC87



AB95CC

Square

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



6AAC87



55A7D2



C88CB5



C4956A

Rectangle

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



6AAC87



39ADB7



C88CB5



D68A86

Sweetspot

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



6AAC87



C5E0D1



8FAC6A



607067



F0F0F0



707070

Same Dimension

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



6AAC87



79E0A7



6AACA8



4E5752



009642



00170A

Inverse Universe

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



AC6A8F



E079B3



AC6A6E



574E53



960054



17000D

Previews

White Background



This preview shows how the Hex color 6AAC87 looks on a white background.

Color Contrast Check

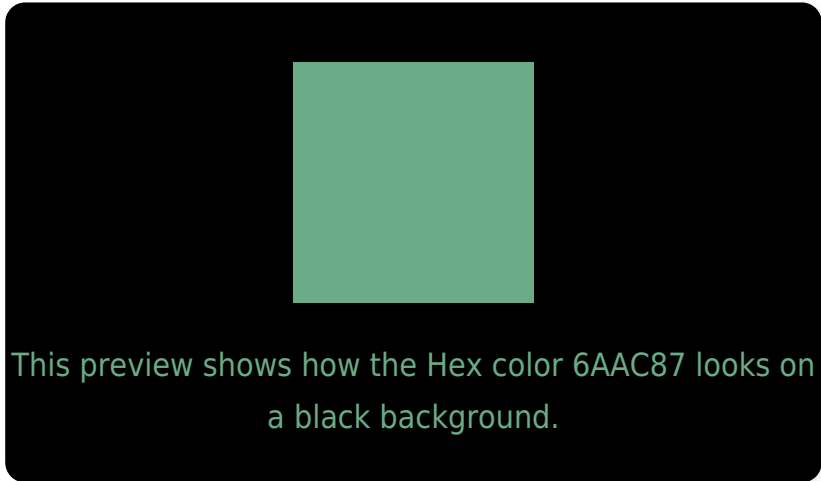
Large Text (above 18pt) WCAG AA × Fail

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

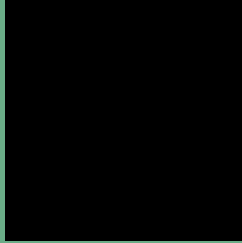
Any Text WCAG AA ✓ Pass

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 6AAC87 Background



This preview shows how black text looks on a background with the Hex color 6AAC87.

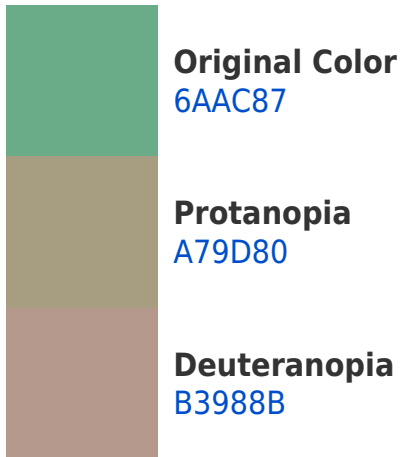


This preview shows how white text looks on a background with the Hex color 6AAC87.

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](#).

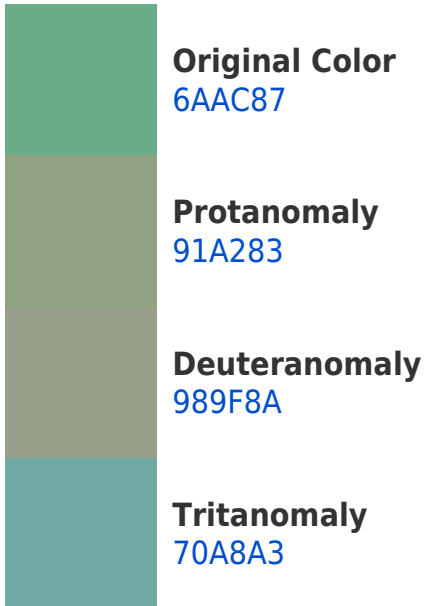
Dichromacy





Tritanopia
74A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAC87 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 #6AAC87 looks like.

```
.text, #text, p{  
    color:#6AAC87  
}
```

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 #6AAC87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAC87
}
```

Border

The CSS property to change the border of an element to Hex 6AAC87 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
#6AAC87 }
```

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

```
.border{ border-color:#6AAC87 }
```

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

Here you see how a box with a 4 pixel #6AAC87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAC87; -webkit-box-shadow:4px 4px  
4px 4px #6AAC87; box-shadow:4px 4px 4px  
4px #6AAC87 }
```

Background

The CSS property to change the background color of an element to Hex 6AAC87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAC87 }
```

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

```
.background{ background-color:#6AAC87 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor