

Converting Colors

Hex(6AAD8B)

Have a look what the booklet for
Hex(6AAD8B) contains.

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Color

Hex(6AAD8B)

Conversions

Conversions Part 1

Format	Color
Hex	6AAD8B
RGB	106, 173, 139
RGB Percent	42%, 68%, 55%
CMY	0.5843, 0.3216, 0.4549
CMYK	0.39, 0.00, 0.20, 0.32
HSL	150°, 29%, 55%
HSV	150°, 39%, 68%
XYZ	25.5476, 34.8154, 29.7996
YIQ	149.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

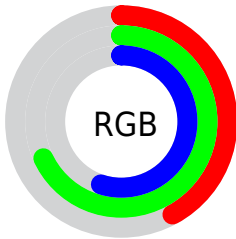
Format	Color
RYB	106, 151, 173
Decimal	6991243
CIELab	65.60, -29.06, 10.85
CIElCh	66, 31.021, 159.534
Yxy	34.8154, 0.2834, 0.3861
Android (android.graphics.Color)	4285181323 (0xFF6AAD8B)
YUV	149.0910, -4.9749, -37.7908
Hunter-Lab	59.0046, -25.9716, 11.3594

Details

The Hex color **6AAD8B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6A8C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A0E5C1**, and **367859** is the 20% darker color. If you saturate the color by 10%, you get **59AD82**, and if you desaturate by 10%, it is **7BAD94**.

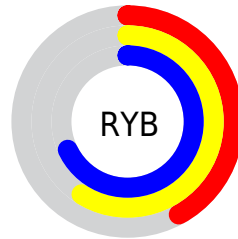
Distribution



Red (42%)

Green (68%)

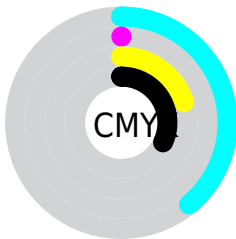
Blue (55%)



Red (42%)

Yellow (59%)

Blue (68%)

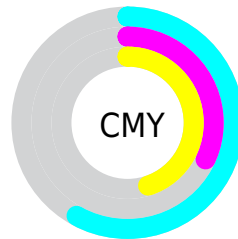


Cyan (39%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAD8B 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 6AAD8B by changing the saturation by 10% instead.

 6AAD8B

 6AAD8B

FFFFFF

 509272

 A0E5C1

 367859

 BCFFDC

 1A5F42

 D8FFF9

 00472B

 F5FFFF

 003017

 001C00

 000000

 6AAD8B

 6AAD8B

 59AD82

 7BAD94

 47AD79

 8DAD9D

 36AD71

 9EADA5

 25AD68

 AFADAE

 14AD5F

 C1ADB7

 02AD56

 D2ADC0

 00AD55

 E3ADC8

 F4ADD1

 FFADDA

Harmonies

Analogous

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



8BA874



6AAD8B



4BAFA8

Triad

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



6AAD8B



879FD6



D38E7D

Complementary

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



6AAD8B



AD6A8C

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.



D68A97



6AAD8B



AE95CA

Square

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



6AAD8B



5DA7D3



CA8DB3



C3976C

Rectangle

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



6AAD8B



40AEBA



CA8DB3



D68C85

Sweetspot

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



6AAD8B



C5E0D3



8DAD6A



607068



F0F0F0



707070

Same Dimension

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



6AAD8B



79E0AC



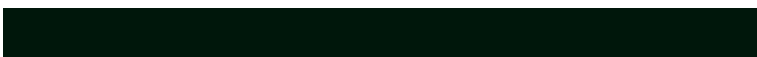
6AADAC



4E5752



00964A



00170B

Inverse Universe

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



AD6A8C



E079AE



AD6A6B



574E52



96004C



17000C

Previews

White Background



This preview shows how the Hex color 6AAD8B looks on a white background.

Color Contrast Check

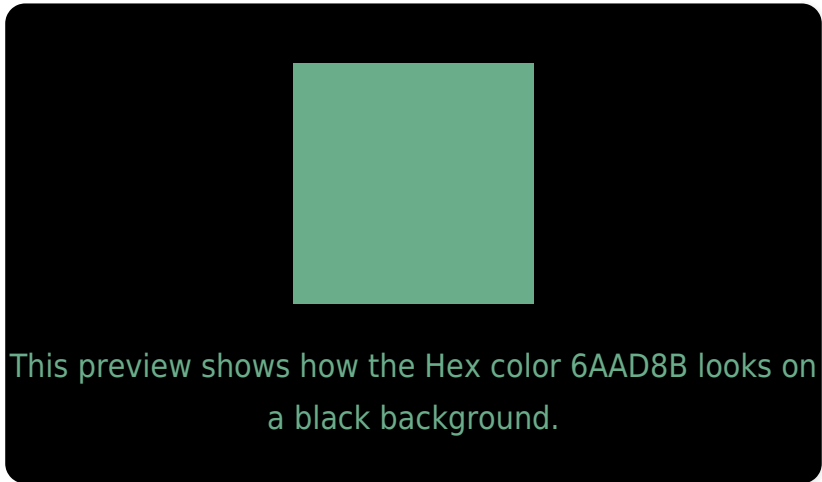
Large Text (above 18pt) WCAG AA × Fail

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 6AAD8B Background



This preview shows how black text looks on a background with the Hex color 6AAD8B.

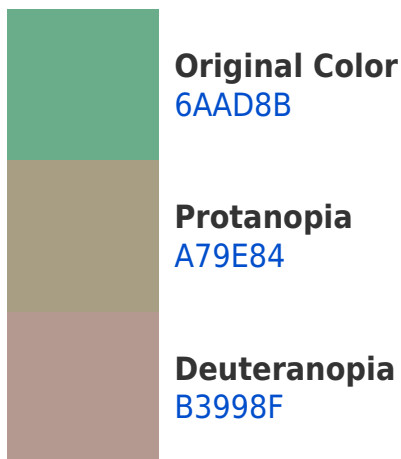


This preview shows how white text looks on a background with the Hex color 6AAD8B.

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](#).

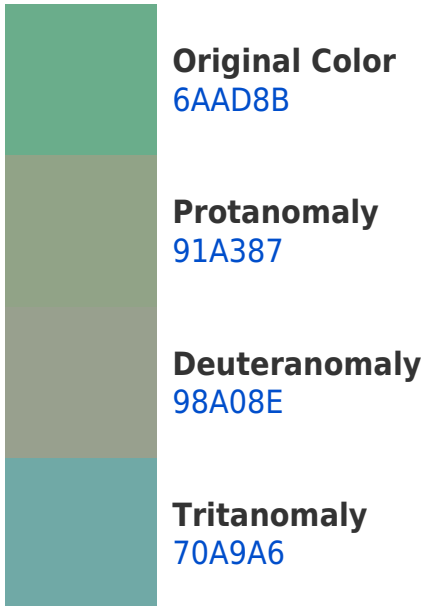
Dichromacy



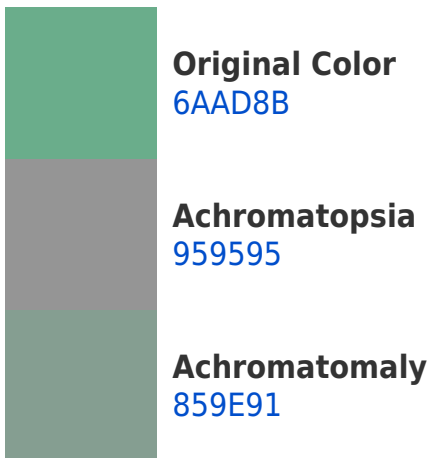


Tritanopia
74A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAD8B 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 #6AAD8B looks like.

```
.text, #text, p{  
    color:#6AAD8B  
}
```

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 #6AAD8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAD8B
}
```

Border

The CSS property to change the border of an element to Hex 6AAD8B 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
#6AAD8B }
```

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

```
.border{ border-color:#6AAD8B }
```

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

Here you see how a box with a 4 pixel #6AAD8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAD8B; -webkit-box-shadow:4px 4px  
4px 4px #6AAD8B; box-shadow:4px 4px 4px  
4px #6AAD8B }
```

Background

The CSS property to change the background color of an element to Hex 6AAD8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAD8B }
```

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

```
.background{ background-color:#6AAD8B }
```

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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