

Converting Colors

Hex(4AE98D)

Have a look what the booklet for
Hex(4AE98D) contains.

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Color

Hex(4AE98D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4AE98D |
| RGB | 74, 233, 141 |
| RGB Percent | 29%, 91%, 55% |
| CMY | 0.7098, 0.0863, 0.4471 |
| CMYK | 0.68, 0.00, 0.39, 0.09 |
| HSL | 145°, 78%, 60% |
| HSV | 145°, 68%, 91% |
| XYZ | 36.7707, 61.6568, 35.1622 |
| YIQ | 174.9710, -65.2320, -62.3200 |

Conversions

Conversions Part 2

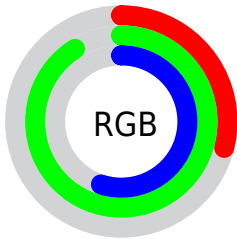
| Format | Color |
|-------------------------------------|--|
| RYB | 74, 186, 233 |
| Decimal | 4909453 |
| CIELab | 82.73, -61.24, 33.01 |
| CIELCh | 83, 69.567, 151.673 |
| Yxy | 61.6568, 0.2753, 0.4615 |
| Android (android.graphics.Color) | 4283099533 (0xFF4AE98D) |
| YUV | 174.9710, -16.7477, -88.5516 |
| Hunter-Lab | 78.5218, -53.8241, 28.4151 |

Details

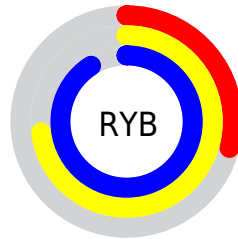
The Hex color **4AE98D** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **E94AA6**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **8CFFC3**, and **00B05A** is the 20% darker color. If you saturate the color by 10%, you get **33E980**, and if you desaturate by 10%, it is **61E99A**.

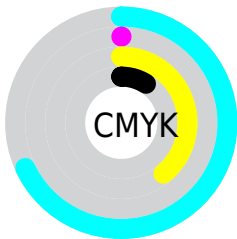
Distribution



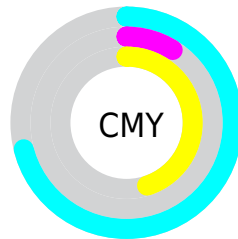
- Red (29%)
- Green (91%)
- Blue (55%)



- Red (29%)
- Yellow (73%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AE98D 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 4AE98D by changing the saturation by 10% instead.

 4AE98D

 4AE98D

FFFFFF

 1CCC73

 8CFFC3

 00B05A

 ABFFE0

 009441

 C9FFFC

 007A29

 E8FFFF

 005F10

 004600

 002F00

 001100

 000000

 4AE98D

 4AE98D

 33E980

 61E99A

 1BE972

 79E9A8

 04E965

 90E9B5

 00E962

 A7E9C3

 BFE9D0

 D6E9DE

 EDE9EB

 FFE9F9

 FFE9FF

Harmonies

Analogous

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



ACDE57



4AE98D



00EED0

Triad

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



4AE98D



3BD4FF



FF9C8D

Complementary

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



4AE98D



E94AA6

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.



FF92CD



4AE98D



D5BBFF

Square

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



4AE98D



00E5FF



FFA1FF



FFB35A

Rectangle

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



4AE98D



00EEFC



FFA1FF



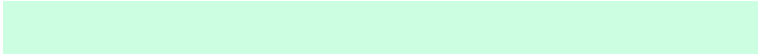
FF96A1

Sweetspot

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



4AE98D



CCFFE1



A7E94A



61806E



000000



808080

Same Dimension

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



4AE98D



2EFF86



4AE9DC



6A756F



00B54C



003617

Inverse Universe

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



E94AA6



FF2EA7



E94A57



756A70



B50069



36001F

Previews

White Background



This preview shows how the Hex color 4AE98D 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



This preview shows how the Hex color 4AE98D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

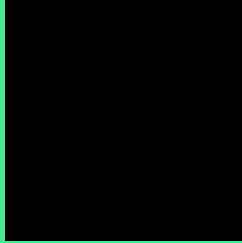
Any Text WCAG AA ✓ Pass

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 4AE98D Background



This preview shows how black text looks on a background with the Hex color 4AE98D.

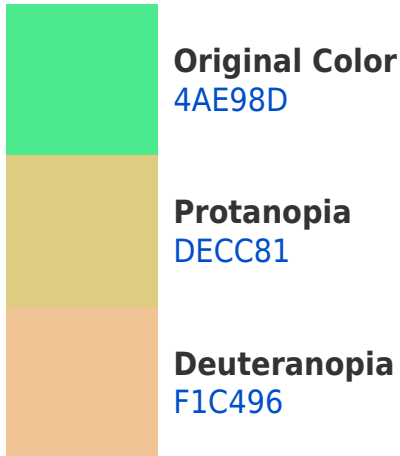


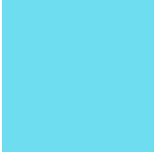
This preview shows how white text looks on a background with the Hex color 4AE98D.

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
6DDDEF

Trichromacy



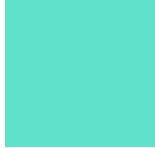
Original Color
4AE98D



Protanomaly
A8D785



Deuteranomaly
B4D193



Tritanomaly
60E1CB

Monochromacy



Original Color
4AE98D



Achromatopsia
AFAFAF



Achromatomaly
8AC4A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AE98D 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 #4AE98D looks like.

```
.text, #text, p{  
    color:#4AE98D  
}
```

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 #4AE98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE98D
}
```

Border

The CSS property to change the border of an element to Hex 4AE98D 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
#4AE98D }
```

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

```
.border{ border-color:#4AE98D }
```

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

Here you see how a box with a 4 pixel #4AE98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE98D; -webkit-box-shadow:4px 4px  
4px 4px #4AE98D; box-shadow:4px 4px 4px  
4px #4AE98D }
```

Background

The CSS property to change the background color of an element to Hex 4AE98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE98D }
```

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

```
.background{ background-color:#4AE98D }
```

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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