

Converting Colors

Hex(4AE28C)

Have a look what the booklet for
Hex(4AE28C) contains.

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Color

Hex(4AE28C)

Conversions

Conversions Part 1

Format	Color
Hex	4AE28C
RGB	74, 226, 140
RGB Percent	29%, 89%, 55%
CMY	0.7098, 0.1137, 0.4510
CMYK	0.67, 0.00, 0.38, 0.11
HSL	146°, 72%, 59%
HSV	146°, 67%, 89%
XYZ	34.7540, 57.7420, 34.1245
YIQ	170.7480, -62.9860, -58.9700

Conversions

Conversions Part 2

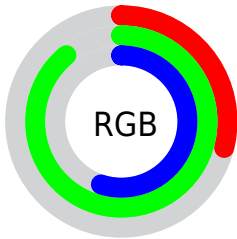
Format	Color
RYB	74, 180, 226
Decimal	4907660
CIELab	80.60, -58.82, 30.69
CIELCh	81, 66.344, 152.444
Yxy	57.7420, 0.2745, 0.4560
Android (android.graphics.Color)	4283097740 (0xFF4AE28C)
YUV	170.7480, -15.1588, -84.8480
Hunter-Lab	75.9882, -51.3403, 26.5659

Details

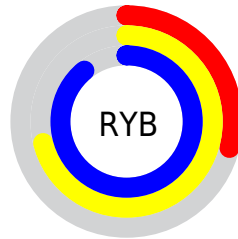
The Hex color **4AE28C** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **E24AA0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8BFFC2**, and **00A959** is the 20% darker color. If you saturate the color by 10%, you get **33E27F**, and if you desaturate by 10%, it is **61E299**.

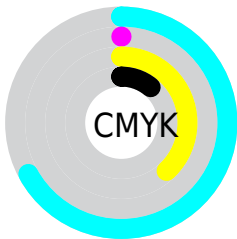
Distribution



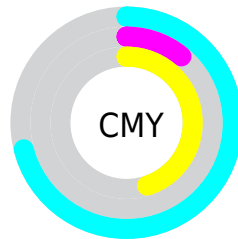
- Red (29%)
- Green (89%)
- Blue (55%)



- Red (29%)
- Yellow (71%)
- Blue (89%)



- Cyan (67%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AE28C 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 4AE28C by changing the saturation by 10% instead.

 4AE28C

FFFFFF

 8BFFC2

 A9FFDE

 C8FFFB

 E6FFFF

 4AE28C

 1EC572

 00A959

 008E41

 007329

 005A11

 004000

 002900

 000400

 000000

 4AE28C

 4AE28C

 33E27F

 61E299

 1DE272

 77E2A6

 06E266

 8EE2B2

 00E262

 A4E2BF

 BBE2CC

 D2E2D9

 E8E2E6

 FFE2F2

 FFE2FF

Harmonies

Analogous

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



A6D859



4AE28C



00E6CB

Triad

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



4AE28C



4BCDFE



FF9989

Complementary

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



4AE28C



E24AA0

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.



FF90C5



4AE28C



D1B6FF

Square

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



4AE28C



00DDFF



FF9DFF



FFB059

Rectangle

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



4AE28C



00E6F6



FF9DFF



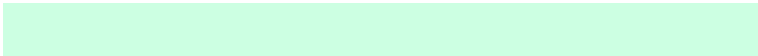
FF949C

Sweetspot

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



4AE28C



CCFFE2



A0E24A



61806E



000000



808080

Same Dimension

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



4AE28C



30FF8A



4AE2D8



65706A



00B04C



003015

Inverse Universe

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



E24AA0



FF30A5



E24A54



70656B



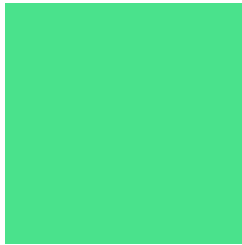
B00064



30001B

Previews

White Background



This preview shows how the Hex color 4AE28C 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 4AE28C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

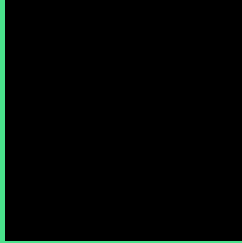
Any Text WCAG AA ✓ Pass

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 4AE28C Background



This preview shows how black text looks on a background with the Hex color 4AE28C.

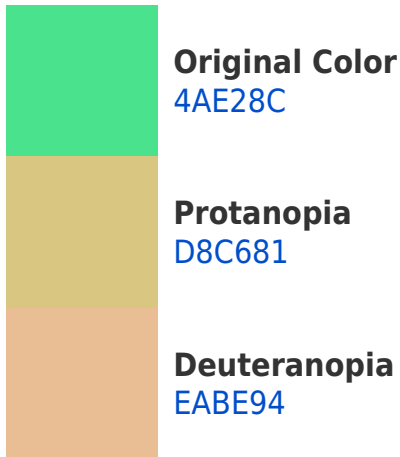


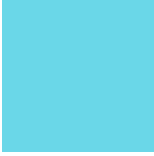
This preview shows how white text looks on a background with the Hex color 4AE28C.

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
6AD7E8

Trichromacy



Original Color
4AE28C



Protanomaly
A4D085



Deuteranomaly
B0CB91



Tritanomaly
5EDBC7

Monochromacy



Original Color
4AE28C



Achromatopsia
ABABAB



Achromatomaly
88BFA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AE28C 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 #4AE28C looks like.

```
.text, #text, p{  
    color:#4AE28C  
}
```

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 #4AE28C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE28C
}
```

Border

The CSS property to change the border of an element to Hex 4AE28C 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
#4AE28C }
```

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

```
.border{ border-color:#4AE28C }
```

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

Here you see how a box with a 4 pixel #4AE28C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE28C; -webkit-box-shadow:4px 4px  
4px 4px #4AE28C; box-shadow:4px 4px 4px  
4px #4AE28C }
```

Background

The CSS property to change the background color of an element to Hex 4AE28C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE28C }
```

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

```
.background{ background-color:#4AE28C }
```

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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