

Converting Colors

Hex(4AA58E)

Have a look what the booklet for
Hex(4AA58E) contains.

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Color

Hex(4AA58E)

Conversions

Conversions Part 1

Format	Color
Hex	4AA58E
RGB	74, 165, 142
RGB Percent	29%, 65%, 56%
CMY	0.7098, 0.3529, 0.4431
CMYK	0.55, 0.00, 0.14, 0.35
HSL	165°, 38%, 47%
HSV	165°, 55%, 65%
XYZ	21.1617, 30.3191, 30.3280
YIQ	135.1690, -46.8530, -26.4450

Conversions

Conversions Part 2

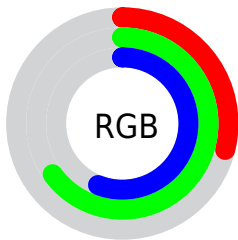
Format	Color
RYB	74, 126, 165
Decimal	4892046
CIELab	61.93, -32.85, 3.75
CIElCh	62, 33.067, 173.497
Yxy	30.3191, 0.2587, 0.3706
Android (android.graphics.Color)	4283082126 (0xFF4AA58E)
YUV	135.1690, 3.3677, -53.6452
Hunter-Lab	55.0628, -27.7590, 5.8876

Details


The Hex color **4AA58E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54A61**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **82DDC4**, and **00705C** is the 20% darker color. If you saturate the color by 10%, you get **39A58A**, and if you desaturate by 10%, it is **5BA592**.

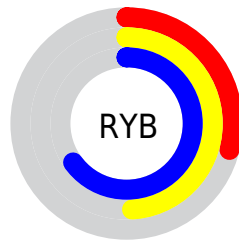
Distribution



 Red (29%)

 Green (65%)

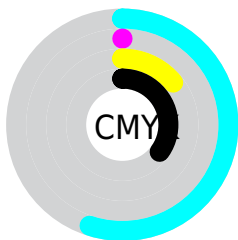
 Blue (56%)




 Red (29%)

 Yellow (49%)

 Blue (65%)

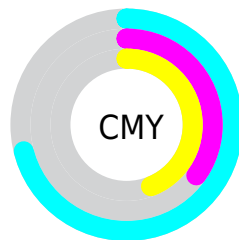



 Cyan (55%)

 Magenta (0%)

 Yellow (14%)

 Black (35%)



 Cyan (71%)

 Magenta (35%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA58E 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 4AA58E by changing the saturation by 10% instead.



4AA58E



4AA58E

FFFFFF



2C8A74



82DDC4



00705C



9EF9E0



005844



BAFFFC



003F2E



D7FFFF



002919



F5FFFF



000D00



000000



4AA58E



4AA58E



39A58A



5BA592

 29A586

 6BA596

 18A581

 7BA59B

 08A57D

 8CA59F

 00A57B

 9CA5A3

 ADA5A7

 BDA5AB

 CEA5AF

 DFA5B4

Harmonies

Analogous

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



70A272



4AA58E



26A5AC

Triad

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



4AA58E



9090CB



C58868

Complementary

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



4AA58E



A54A61

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.



CF8080



4AA58E



B586B9

Square

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



4AA58E



619ACF



CA809D



AF925B

Rectangle

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



4AA58E



25A3BD



CA809D



CA856F

Sweetspot

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



4AA58E



B2D6CD



62A54A



566B66



EBEBEB



6B6B6B

Same Dimension

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



4AA58E



49D6B2



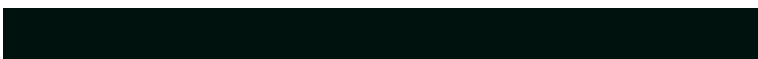
4A90A5



495250



00916D



00120D

Inverse Universe

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



A54A61



D6496D



A55F4A



52494C



910025



120005

Previews

White Background



This preview shows how the Hex color 4AA58E looks on a white background.

Color Contrast Check

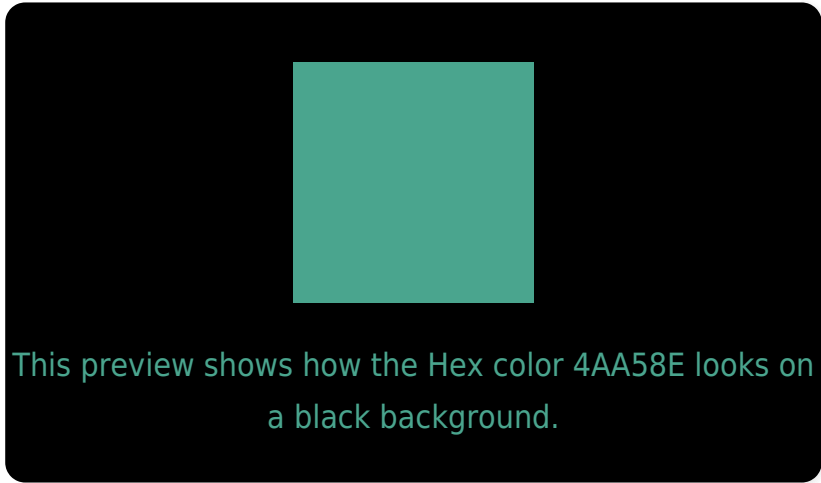
Large Text (above 18pt) WCAG AA × Fail

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 4AA58E Background



This preview shows how black text looks on a background with the Hex color 4AA58E.

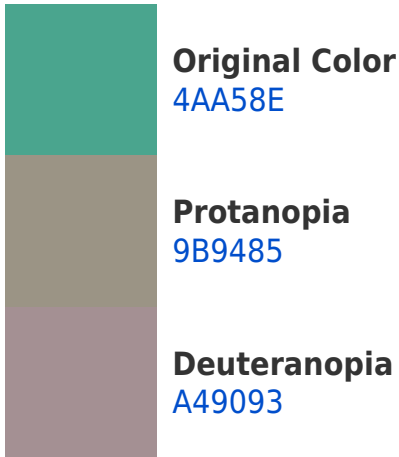


This preview shows how white text looks on a background with the Hex color 4AA58E.

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](#).

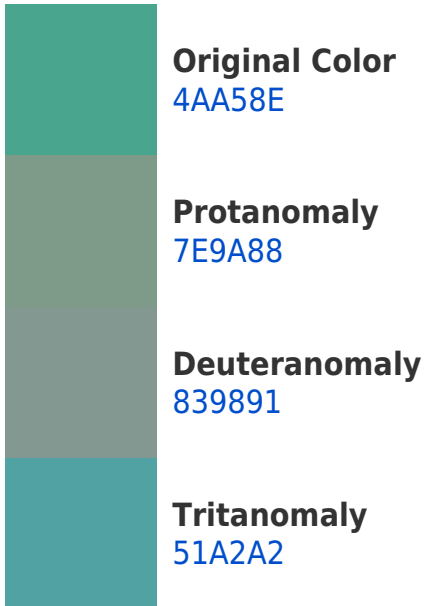
Dichromacy



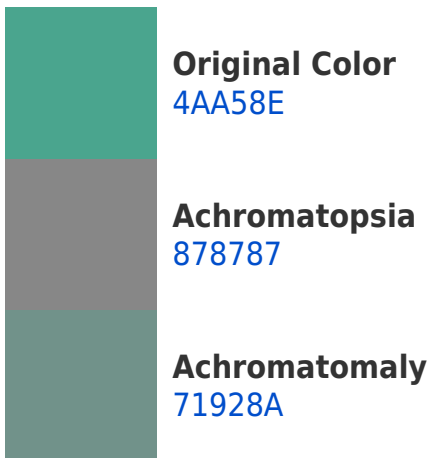


Tritanopia
55A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA58E 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 #4AA58E looks like.

```
.text, #text, p{  
    color:#4AA58E  
}
```

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 #4AA58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA58E
}
```

Border

The CSS property to change the border of an element to Hex 4AA58E 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
#4AA58E }
```

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

```
.border{ border-color:#4AA58E }
```

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

Here you see how a box with a 4 pixel #4AA58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA58E; -webkit-box-shadow:4px 4px  
4px 4px #4AA58E; box-shadow:4px 4px 4px  
4px #4AA58E }
```

Background

The CSS property to change the background color of an element to Hex 4AA58E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA58E }
```

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

```
.background{ background-color:#4AA58E }
```

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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