

Converting Colors

Hex(4AA5A1)

Have a look what the booklet for
Hex(4AA5A1) contains.

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Color

Hex(4AA5A1)

Conversions

Conversions Part 1

Format	Color
Hex	4AA5A1
RGB	74, 165, 161
RGB Percent	29%, 65%, 63%
CMY	0.7098, 0.3529, 0.3686
CMYK	0.55, 0.00, 0.02, 0.35
HSL	177°, 38%, 47%
HSV	177°, 55%, 65%
XYZ	22.7122, 30.9393, 38.4930
YIQ	137.3350, -52.9520, -20.5360

Conversions

Conversions Part 2

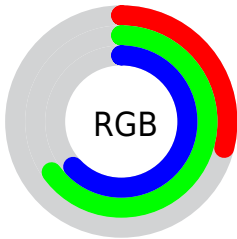
Format	Color
RYB	74, 121, 165
Decimal	4892065
CIELab	62.46, -27.90, -6.15
CIELCh	62, 28.571, 192.427
Yxy	30.9393, 0.2465, 0.3358
Android (android.graphics.Color)	4283082145 (0xFF4AA5A1)
YUV	137.3350, 11.6668, -55.5448
Hunter-Lab	55.6231, -24.4548, -2.0945

Details

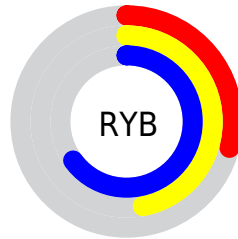
The Hex color **4AA5A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54A4E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **83DCD8**, and **00716E** is the 20% darker color. If you saturate the color by 10%, you get **39A5A0**, and if you desaturate by 10%, it is **5BA5A2**.

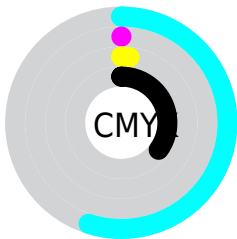
Distribution



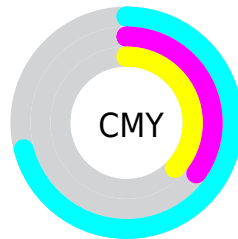
- Red (29%)
- Green (65%)
- Blue (63%)



- Red (29%)
- Yellow (47%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA5A1 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 4AA5A1 by changing the saturation by 10% instead.



4AA5A1



4AA5A1

FFFFFF



2B8A87



83DCD8



00716E



9FF9F4



005855



BCFFFF



00403E



D9FFFF



002928



F7FFFF



001114



000000



4AA5A1



4AA5A1



39A5A0



5BA5A2

■ 29A5A0

■ 6BA5A2

■ 18A59F

■ 7BA5A3

■ 08A59E

■ 8CA5A4

■ 00A59E

■ 9CA5A5

■ ADA5A5

■ BDA5A6

■ CEA5A7

■ DFA5A8

Harmonies

Analogous

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



64A487



4AA5A1



45A3B8

Triad

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



4AA5A1



A88DBD



B69067

Complementary

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



4AA5A1



A54A4E

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.



C58876



4AA5A1



C086A7

Square

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



4AA5A1



8596C8



C9848D



9E9965

Rectangle

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



4AA5A1



54A0C3



C9848D



BC8D6B

Sweetspot

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



4AA5A1



B2D6D5



4FA54A



566B6A



EBEBEB



6B6B6B

Same Dimension

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



4AA5A1



49D6D0



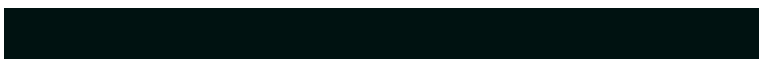
4A7CA5



495251



00918B



001211

Inverse Universe

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



A54A4E



D6494F



A5734A



52494A



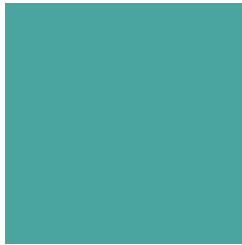
910006



120001

Previews

White Background



This preview shows how the Hex color 4AA5A1 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 4AA5A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

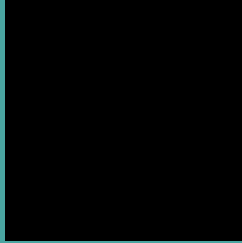
Any Text WCAG AA ✓ Pass

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 4AA5A1 Background



This preview shows how black text looks on a background with the Hex color 4AA5A1.

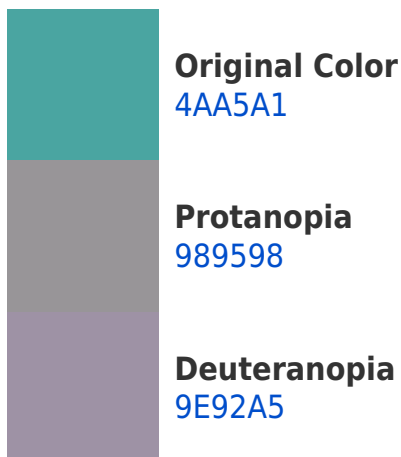


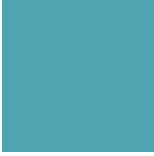
This preview shows how white text looks on a background with the Hex color 4AA5A1.

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](#).

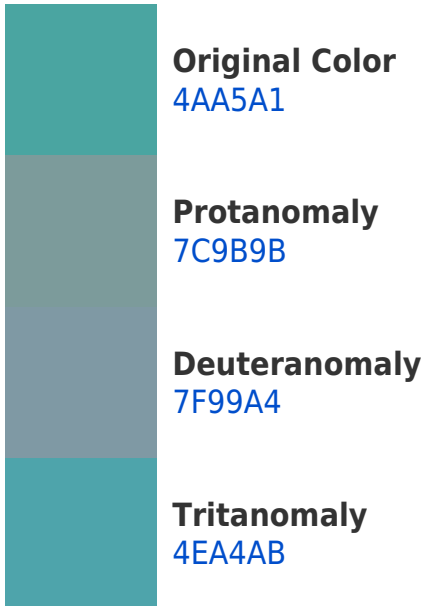
Dichromacy



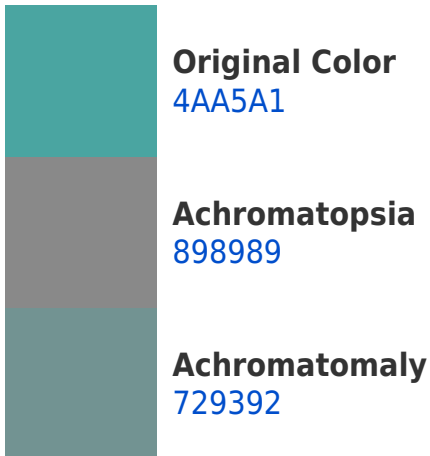


Tritanopia
50A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA5A1 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 #4AA5A1 looks like.

```
.text, #text, p{  
    color:#4AA5A1  
}
```

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 #4AA5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA5A1
}
```

Border

The CSS property to change the border of an element to Hex 4AA5A1 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
#4AA5A1 }
```

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

```
.border{ border-color:#4AA5A1 }
```

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

Here you see how a box with a 4 pixel #4AA5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA5A1; -webkit-box-shadow:4px 4px  
4px 4px #4AA5A1; box-shadow:4px 4px 4px  
4px #4AA5A1 }
```

Background

The CSS property to change the background color of an element to Hex 4AA5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA5A1 }
```

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

```
.background{ background-color:#4AA5A1 }
```

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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