

Converting Colors

Hex(4FA7AE)

Have a look what the booklet for
Hex(4FA7AE) contains.

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Color

Hex(4FA7AE)

Conversions

Conversions Part 1

Format	Color
Hex	4FA7AE
RGB	79, 167, 174
RGB Percent	31%, 65%, 68%
CMY	0.6902, 0.3451, 0.3176
CMYK	0.55, 0.04, 0.00, 0.32
HSL	184°, 38%, 50%
HSV	184°, 55%, 68%
XYZ	24.6831, 32.3557, 44.9887
YIQ	141.4860, -54.6950, -16.4790

Conversions

Conversions Part 2

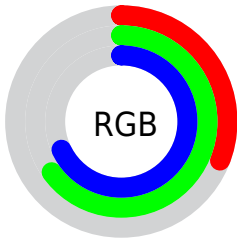
Format	Color
RYB	79, 125, 174
Decimal	5220270
CIELab	63.64, -24.26, -11.66
CIELCh	64, 26.914, 205.672
Yxy	32.3557, 0.2419, 0.3171
Android (android.graphics.Color)	4283410350 (0xFF4FA7AE)
YUV	141.4860, 16.0294, -54.8002
Hunter-Lab	56.8821, -22.0861, -7.0758

Details

The Hex color **4FA7AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE564F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **88DEE5**, and **01737A** is the 20% darker color. If you saturate the color by 10%, you get **3EA6AE**, and if you desaturate by 10%, it is **60A8AE**.

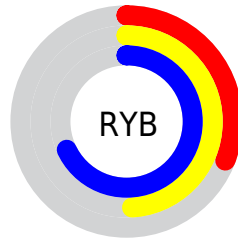
Distribution



Red (31%)

Green (65%)

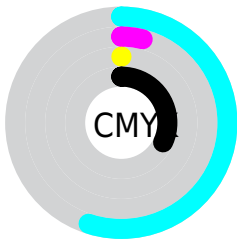
Blue (68%)



Red (31%)

Yellow (49%)

Blue (68%)

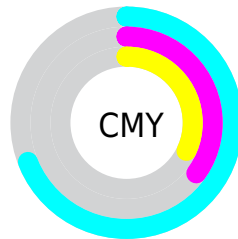


Cyan (55%)

Magenta (4%)

Yellow (0%)

Black (32%)



Cyan (69%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA7AE 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 4FA7AE by changing the saturation by 10% instead.

■ 4FA7AE

■ 4FA7AE

FFFFFF

■ 308C93

■ 88DEE5

■ 01737A

■ A5FBFF

■ 005A61

■ C1FFFF

■ 004249

■ DFFFFF

■ 002B33

■ FFFFFFFF

■ 00161E

■ 000002

■ 000000

■ 4FA7AE

■ 4FA7AE

3EA6AE

60A8AE

2CA4AE

72AAAE

1BA3AE

83ABAE

09A2AE

95ACAE

00A1AE

A6ADAE

B7AFAE

C9B0AE

DAB1AE

ECB3AE

Harmonies

Analogous

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



5FA796



4FA7AE



58A4C1

Triad

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



4FA7AE



B68DB5



AE976A

Complementary

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



4FA7AE



AE564F

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.



C18F73



4FA7AE



C7899F

Square

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



4FA7AE



9995C5



CA8A87



969F6E

Rectangle

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



4FA7AE



6BA0C8



CA8A87



B6956C

Sweetspot

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



4FA7AE



BFE0E3



4FAE55



5D7173



F2F2F2



737373

Same Dimension

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



4FA7AE



4DD8E3



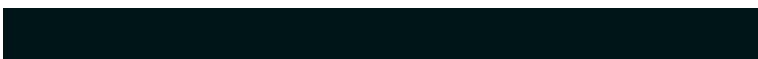
4F78AE



4E5657



008B96



001517

Inverse Universe

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



AE4FA7



E34DD8



AE854F



574E56



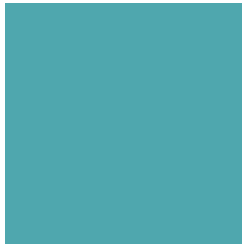
96008B



170015

Previews

White Background



This preview shows how the Hex color 4FA7AE looks on a white background.

Color Contrast Check

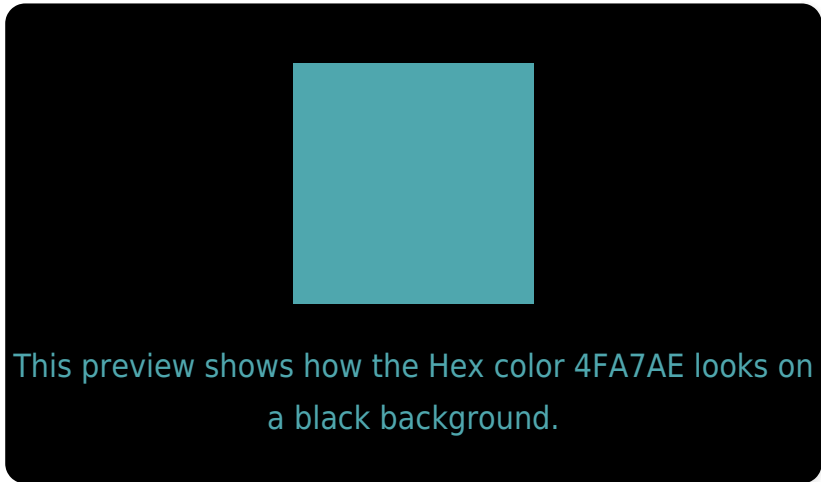
Large Text (above 18pt) WCAG AA × Fail

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

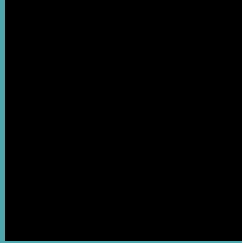
Any Text WCAG AA ✓ Pass

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 4FA7AE Background



This preview shows how black text looks on a background with the Hex color 4FA7AE.

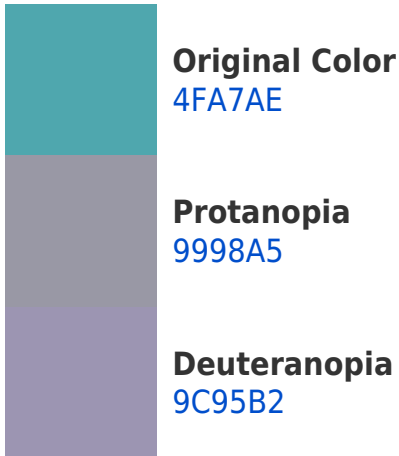


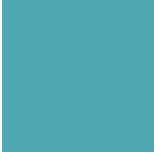
This preview shows how white text looks on a background with the Hex color 4FA7AE.

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](#).

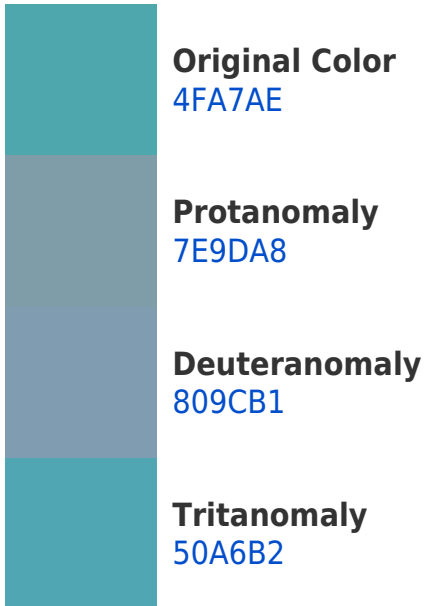
Dichromacy



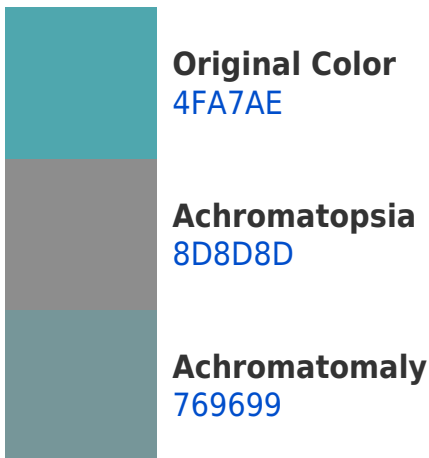


Tritanopia
51A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA7AE 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 #4FA7AE looks like.

```
.text, #text, p{  
    color:#4FA7AE  
}
```

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 #4FA7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA7AE
}
```

Border

The CSS property to change the border of an element to Hex 4FA7AE 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
#4FA7AE }
```

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

```
.border{ border-color:#4FA7AE }
```

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

Here you see how a box with a 4 pixel #4FA7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA7AE; -webkit-box-shadow:4px 4px  
4px 4px #4FA7AE; box-shadow:4px 4px 4px  
4px #4FA7AE }
```

Background

The CSS property to change the background color of an element to Hex 4FA7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA7AE }
```

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

```
.background{ background-color:#4FA7AE }
```

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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