

Converting Colors

Hex(4EA3A7)

Have a look what the booklet for
Hex(4EA3A7) contains.

Hex(4EA3A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EA3A7)

Conversions

Conversions Part 1

Format	Color
Hex	4EA3A7
RGB	78, 163, 167
RGB Percent	31%, 64%, 65%
CMY	0.6941, 0.3608, 0.3451
CMYK	0.53, 0.02, 0.00, 0.35
HSL	183°, 36%, 48%
HSV	183°, 53%, 65%
XYZ	23.2141, 30.6041, 41.2429
YIQ	138.0410, -51.9440, -16.7760

Conversions

Conversions Part 2

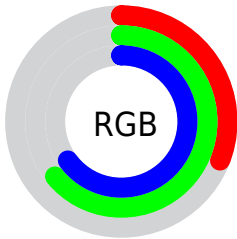
Format	Color
RYB	78, 121, 167
Decimal	5153703
CIELab	62.17, -24.41, -9.93
CIELCh	62, 26.349, 202.137
Yxy	30.6041, 0.2442, 0.3219
Android (android.graphics.Color)	4283343783 (0xFF4EA3A7)
YUV	138.0410, 14.2768, -52.6560
Hunter-Lab	55.3210, -21.9084, -5.4772

Details

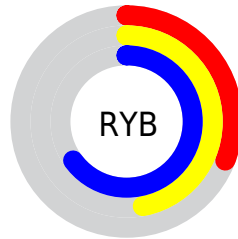
The Hex color **4EA3A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A7524E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **86DADE**, and **036F73** is the 20% darker color. If you saturate the color by 10%, you get **3DA2A7**, and if you desaturate by 10%, it is **5FA4A7**.

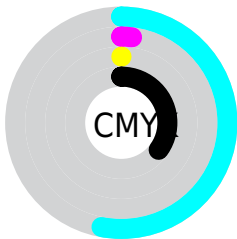
Distribution



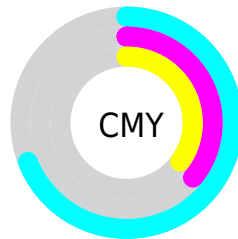
- Red (31%)
- Green (64%)
- Blue (65%)



- Red (31%)
- Yellow (47%)
- Blue (65%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA3A7 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 4EA3A7 by changing the saturation by 10% instead.

■ 4EA3A7

■ 4EA3A7

FFFFFF

■ 30898D

■ 86DADE

■ 036F73

■ A3F7FB

■ 00565B

■ BFFFFF

■ 003F43

■ DCFFFF

■ 00282D

■ FAFFFF

■ 000F19

■ 000000

■ 4EA3A7

■ 4EA3A7

■ 3DA2A7

■ 5FA4A7

■ 2DA1A7

■ 6FA5A7

■ 1CA1A7

■ 80A5A7

■ 0BA0A7

■ 91A6A7

■ 009FA7

■ A1A7A7

■ B2A8A7

■ C3A8A7

■ D4A9A7

■ E4AAA7

Harmonies

Analogous

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



60A38F



4EA3A7



53A0BA

Triad

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



4EA3A7



AE8BB3



AD9368

Complementary

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



4EA3A7



A7524E

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.



BE8B72



4EA3A7



C0869D

Square

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



4EA3A7



9192C1



C58686



959A6B

Rectangle

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



4EA3A7



649DC2



C58686



B3906A

Sweetspot

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



4EA3A7



B6D7D9



4EA751



596D6E



EDEDED



6E6E6E

Same Dimension

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



4EA3A7



4ED3D9



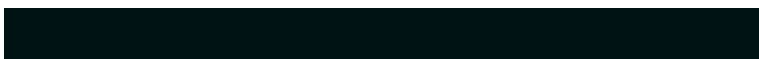
4E78A7



4C5454



008D94



001314

Inverse Universe

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



A74EA3



D94ED3



A77D4E



544C54



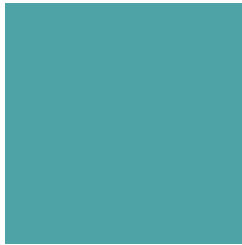
94008D



140013

Previews

White Background



This preview shows how the Hex color 4EA3A7 looks on a white background.

Color Contrast Check

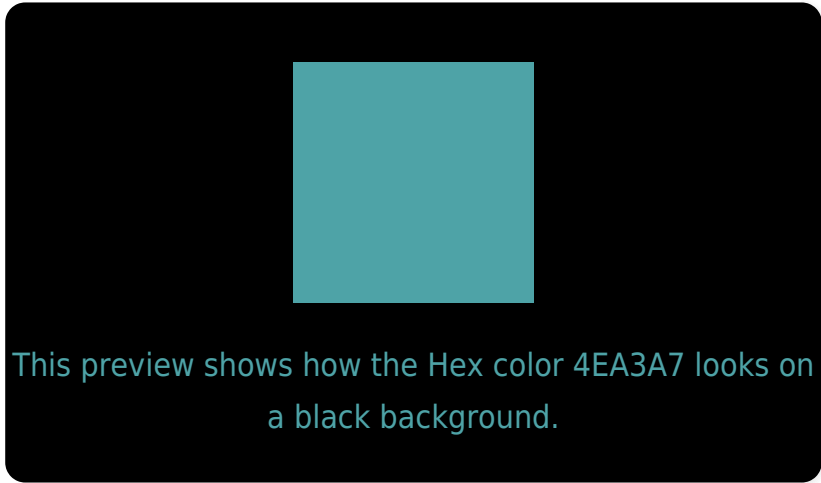
Large Text (above 18pt) WCAG AA × Fail

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

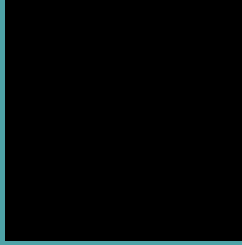
Any Text WCAG AA ✓ Pass

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 4EA3A7 Background



This preview shows how black text looks on a background with the Hex color 4EA3A7.

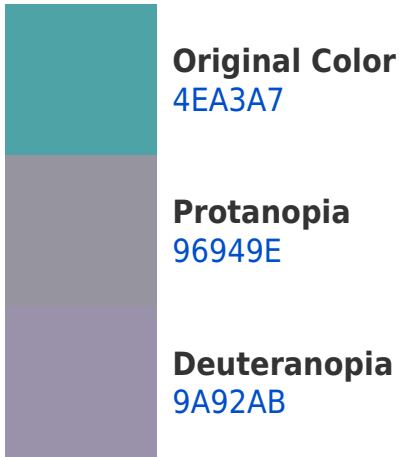


This preview shows how white text looks on a background with the Hex color 4EA3A7.

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](#).

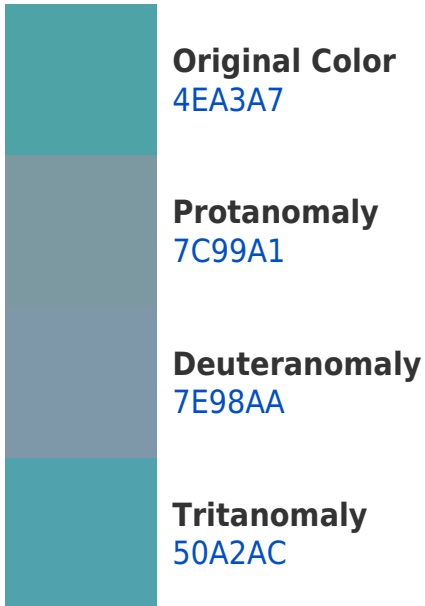
Dichromacy



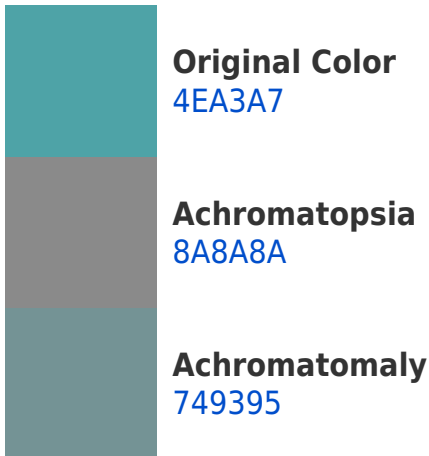


Tritanopia
51A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA3A7 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 #4EA3A7 looks like.

```
.text, #text, p{  
    color:#4EA3A7  
}
```

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 #4EA3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA3A7
}
```

Border

The CSS property to change the border of an element to Hex 4EA3A7 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
#4EA3A7 }
```

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

```
.border{ border-color:#4EA3A7 }
```

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

Here you see how a box with a 4 pixel #4EA3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA3A7; -webkit-box-shadow:4px 4px  
4px 4px #4EA3A7; box-shadow:4px 4px 4px  
4px #4EA3A7 }
```

Background

The CSS property to change the background color of an element to Hex 4EA3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA3A7 }
```

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

```
.background{ background-color:#4EA3A7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor