

Converting Colors

Hex(4EA7AA)

Have a look what the booklet for
Hex(4EA7AA) contains.

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Color

Hex(4EA7AA)

Conversions

Conversions Part 1

Format	Color
Hex	4EA7AA
RGB	78, 167, 170
RGB Percent	31%, 65%, 67%
CMY	0.6941, 0.3451, 0.3333
CMYK	0.54, 0.02, 0.00, 0.33
HSL	182°, 37%, 49%
HSV	182°, 54%, 67%
XYZ	24.2163, 32.1594, 42.9613
YIQ	140.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

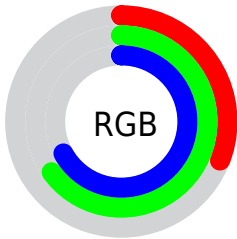
Format	Color
RYB	78, 123, 170
Decimal	5154730
CIELab	63.47, -25.59, -9.67
CIELCh	63, 27.351, 200.695
Yxy	32.1594, 0.2438, 0.3237
Android (android.graphics.Color)	4283344810 (0xFF4EA7AA)
YUV	140.7310, 14.4296, -55.0151
Hunter-Lab	56.7093, -23.0172, -5.2199

Details

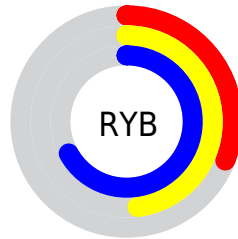
The Hex color **4EA7AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA514E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **87DEE1**, and **007376** is the 20% darker color. If you saturate the color by 10%, you get **3DA6AA**, and if you desaturate by 10%, it is **5FA8AA**.

Distribution



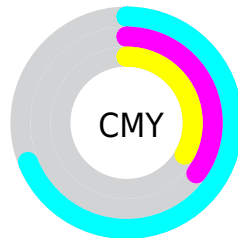
- Red (31%)
- Green (65%)
- Blue (67%)



- Red (31%)
- Yellow (48%)
- Blue (67%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA7AA 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 4EA7AA by changing the saturation by 10% instead.

■ 4EA7AA

■ 4EA7AA

FFFFFF

■ 2F8C90

■ 87DEE1

■ 007376

■ A3FBFE

■ 005A5D

■ C0FFFF

■ 004246

■ DDFFFF

■ 002B2F

■ FBFFFF

■ 00151B

■ 000000

■ 4EA7AA

■ 4EA7AA

■ 3DA6AA

■ 5FA8AA

■ 2CA6AA

■ 70A8AA

■ 1BA5AA

■ 81A9AA

■ 0AA5AA

■ 92A9AA

■ 00A4AA

■ A3AAAA

■ B4AAAA

■ C5ABAA

■ D6ABAA

■ E7ACAA

Harmonies

Analogous

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



62A791



4EA7AA



52A4BF

Triad

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



4EA7AA



B18EB9



B2966A

Complementary

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



4EA7AA



AA514E

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.



C38E75



4EA7AA



C588A2

Square

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



4EA7AA



9396C7



CB888A



999D6C

Rectangle

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



4EA7AA



64A1C7



CB888A



B9936C

Sweetspot

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



4EA7AA



BADDDE



4EAA50



5B7070



F0F0F0



707070

Same Dimension

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



4EA7AA



4ED9DE



4E7AAA



4C5454



008F94



001414

Inverse Universe

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



AA4EA7



DE4ED9



AA7E4E



544C54



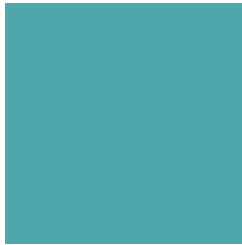
94008F



140014

Previews

White Background



This preview shows how the Hex color 4EA7AA looks on a white background.

Color Contrast Check

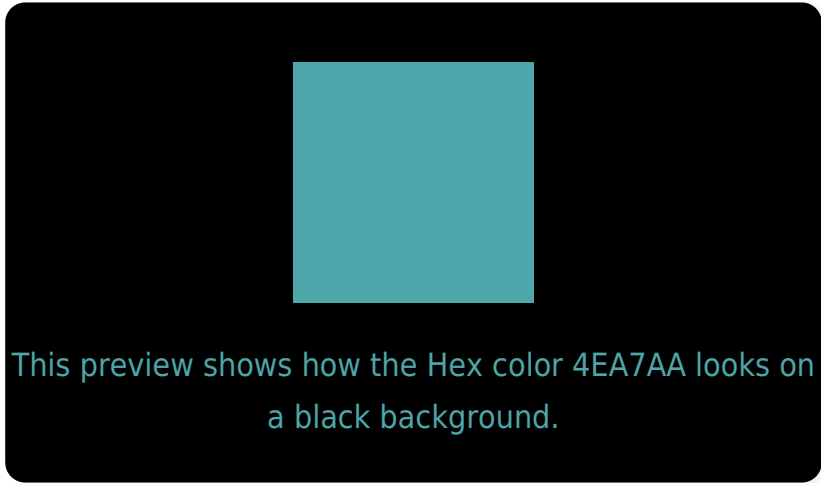
Large Text (above 18pt) WCAG AA × Fail

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

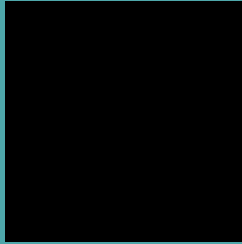
Any Text WCAG AA ✓ Pass

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 4EA7AA Background



This preview shows how black text looks on a background with the Hex color 4EA7AA.

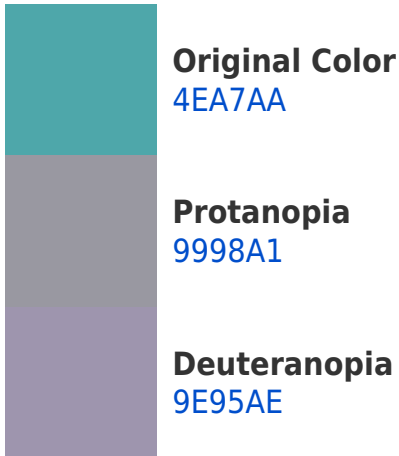


This preview shows how white text looks on a background with the Hex color 4EA7AA.

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](#).

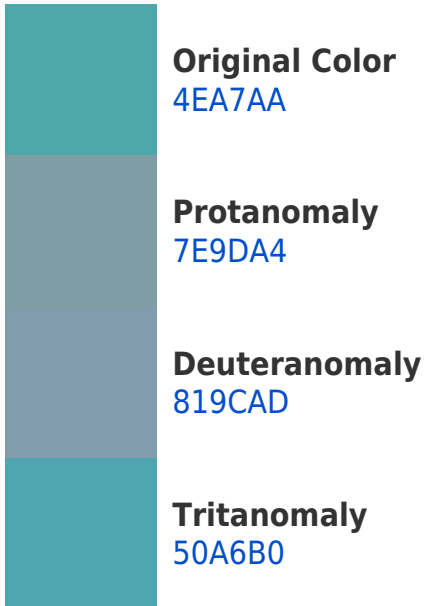
Dichromacy





Tritanopia
51A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA7AA 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 #4EA7AA looks like.

```
.text, #text, p{  
    color:#4EA7AA  
}
```

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 #4EA7AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA7AA
}
```

Border

The CSS property to change the border of an element to Hex 4EA7AA 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
#4EA7AA }
```

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

```
.border{ border-color:#4EA7AA }
```

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

Here you see how a box with a 4 pixel #4EA7AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA7AA; -webkit-box-shadow:4px 4px  
4px 4px #4EA7AA; box-shadow:4px 4px 4px  
4px #4EA7AA }
```

Background

The CSS property to change the background color of an element to Hex 4EA7AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA7AA }
```

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

```
.background{ background-color:#4EA7AA }
```

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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