

Converting Colors

Hex(4EA8A6)

Have a look what the booklet for
Hex(4EA8A6) contains.

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Color

Hex(4EA8A6)

Conversions

Conversions Part 1

Format	Color
Hex	4EA8A6
RGB	78, 168, 166
RGB Percent	31%, 66%, 65%
CMY	0.6941, 0.3412, 0.3490
CMYK	0.54, 0.00, 0.01, 0.34
HSL	179°, 37%, 48%
HSV	179°, 54%, 66%
XYZ	24.0275, 32.3781, 41.0596
YIQ	140.8620, -52.9980, -19.7020

Conversions

Conversions Part 2

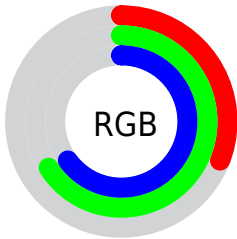
Format	Color
RYB	78, 124, 168
Decimal	5154982
CIELab	63.65, -27.19, -7.16
CIELCh	64, 28.114, 194.752
Yxy	32.3781, 0.2465, 0.3322
Android (android.graphics.Color)	4283345062 (0xFF4EA8A6)
YUV	140.8620, 12.3930, -55.1300
Hunter-Lab	56.9018, -24.2044, -2.9517

Details

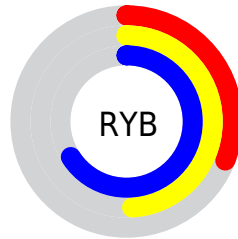
The Hex color **4EA8A6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A84E50**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **87E0DD**, and **017472** is the 20% darker color. If you saturate the color by 10%, you get **3DA8A6**, and if you desaturate by 10%, it is **5FA8A6**.

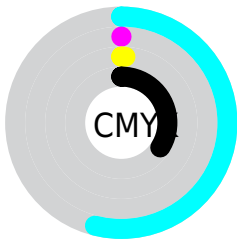
Distribution



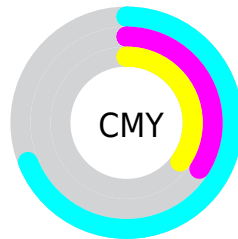
- Red (31%)
- Green (66%)
- Blue (65%)



- Red (31%)
- Yellow (49%)
- Blue (66%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA8A6 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 4EA8A6 by changing the saturation by 10% instead.

4EA8A6

4EA8A6

FFFFFF

2F8D8C

87E0DD

017472

A3FCFA

005B5A

C0FFFF

004342

DDFFFF

002C2C

FBFFFF

001618

000000

4EA8A6

4EA8A6

3DA8A6

5FA8A6

■ 2CA8A5

■ 70A8A7

■ 1CA8A5

■ 80A8A7

■ 0BA8A5

■ 91A8A7

■ 00A8A4

■ A2A8A8

■ B3A8A8

■ C4A8A9

■ D4A8A9

■ E5A8A9

Harmonies

Analogous

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



66A78C



4EA8A6



4CA6BD

Triad

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



4EA8A6



AD8FBE



B7946A

Complementary

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



4EA8A6



A84E50

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.



C78C78



4EA8A6



C489A8

Square

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



4EA8A6



8C98CA



CC888F



9F9D69

Rectangle

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



4EA8A6



5CA2C7



CC888F



BE916E

Sweetspot

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



4EA8A6



B8DBDB



51A84E



596E6D



EDEDED



6E6E6E

Same Dimension

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



4EA8A6



4FDBD8



4E7EA8



4C5454



009491



001414

Inverse Universe

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



A84E50



DB4F52



A8784E



544C4C



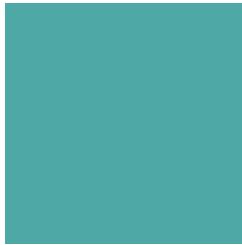
940003



140000

Previews

White Background



This preview shows how the Hex color 4EA8A6 looks on a white background.

Color Contrast Check

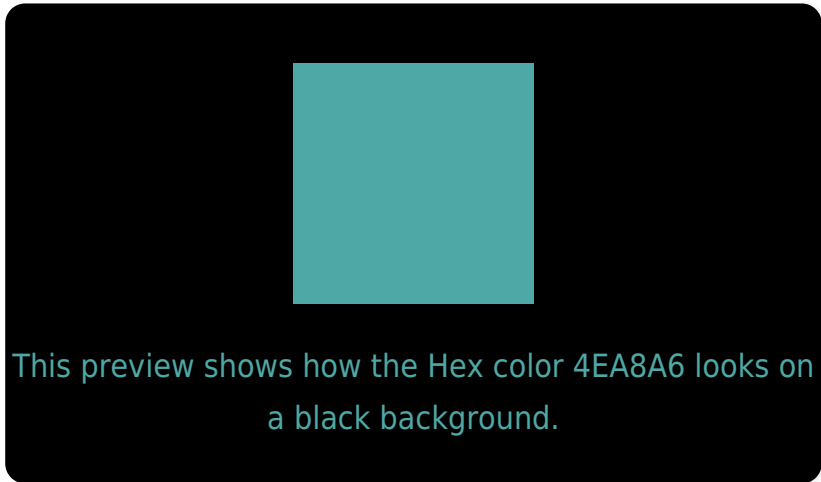
Large Text (above 18pt) WCAG AA × Fail

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

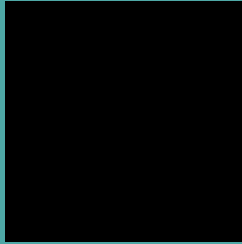
Any Text WCAG AA ✓ Pass

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 4EA8A6 Background



This preview shows how black text looks on a background with the Hex color 4EA8A6.

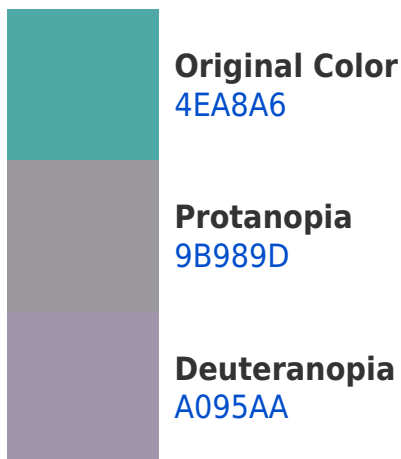


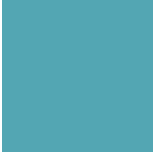
This preview shows how white text looks on a background with the Hex color 4EA8A6.

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](#).

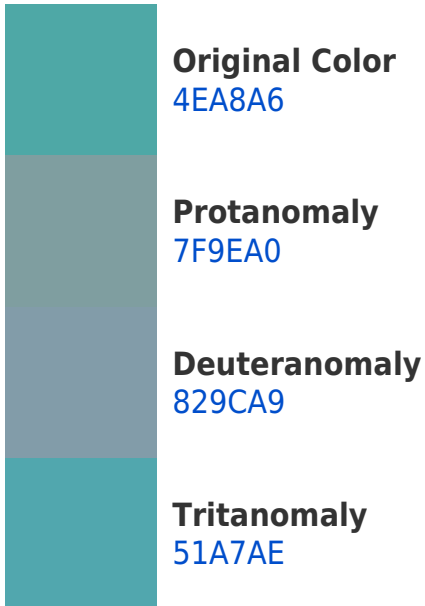
Dichromacy



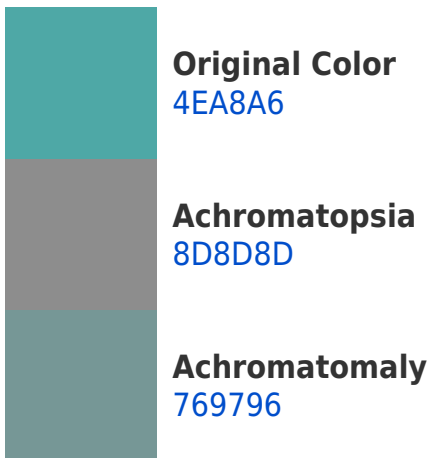


Tritanopia
53A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA8A6 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 #4EA8A6 looks like.

```
.text, #text, p{  
    color:#4EA8A6  
}
```

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 #4EA8A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA8A6  
}
```

Border

The CSS property to change the border of an element to Hex 4EA8A6 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  
#4EA8A6 }
```

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

```
.border{ border-color:#4EA8A6 }
```

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

Here you see how a box with a 4 pixel #4EA8A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA8A6; -webkit-box-shadow:4px 4px  
4px 4px #4EA8A6; box-shadow:4px 4px 4px  
4px #4EA8A6 }
```

Background

The CSS property to change the background color of an element to Hex 4EA8A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA8A6 }
```

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

```
.background{ background-color:#4EA8A6 }
```

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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