

Converting Colors

Hex(0497A6)

Have a look what the booklet for
Hex(0497A6) contains.

Hex(0497A6)	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(0497A6)

Conversions

Conversions Part 1

Format	Color
Hex	0497A6
RGB	4, 151, 166
RGB Percent	2%, 59%, 65%
CMY	0.9843, 0.4078, 0.3490
CMYK	0.98, 0.09, 0.00, 0.35
HSL	186°, 95%, 33%
HSV	186°, 98%, 65%
XYZ	17.9996, 24.9122, 39.9363
YIQ	108.7570, -92.4270, -26.4990

Conversions

Conversions Part 2

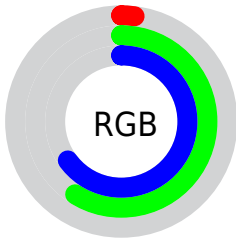
Format	Color
RYB	4, 81, 166
Decimal	300966
CIELab	56.99, -27.48, -17.32
CIELCh	57, 32.483, 212.220
Yxy	24.9122, 0.2173, 0.3007
Android (android.graphics.Color)	4278491046 (0xFF0497A6)
YUV	108.7570, 28.2208, -91.8719
Hunter-Lab	49.9121, -22.9745, -12.5013

Details

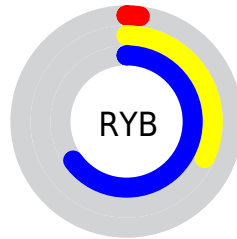
The Hex color **0497A6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A61304**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DCEDD**, and **006472** is the 20% darker color. If you saturate the color by 10%, you get **0097A6**, and if you desaturate by 10%, it is **1599A6**.

Distribution



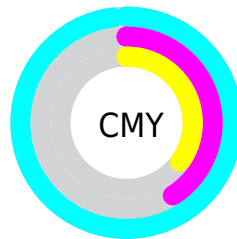
- Red (2%)
- Green (59%)
- Blue (65%)



- Red (2%)
- Yellow (32%)
- Blue (65%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (98%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0497A6 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 0497A6 by changing the saturation by 10% instead.



0497A6



0497A6

FFFFFF



007D8C



5DCEDD



006472



7CEAFA



004B5A



9AFFFF



003442



B8FFFF



00212C



D6FFFF



000118



F4FFFF



000000



0497A6



0497A6



0097A6



1599A6

■ 259AA6

■ 369CA6

■ 469DA6

■ 579FA6

■ 68A0A6

■ 78A2A6

■ 89A3A6

■ 99A5A6

Harmonies

Analogous

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



31988A



0497A6



2F93BA

Triad

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



0497A6



AE77A4



998850

Complementary

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



0497A6



A61304

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.



B17E57



0497A6



BE7388

Square

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



0497A6



8F81B9



BE766C



7C9058

Rectangle

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



0497A6



528EC0



BE766C



A28550

Sweetspot

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



0497A6



9AD3D9



04A611



476A6E



EDEDED



6E6E6E

Same Dimension

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



0497A6



00C5D9



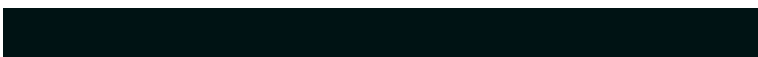
0448A6



4C5354



008694



001314

Inverse Universe

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



A60497



D900C5



A66204



544C53



940086



140013

Previews

White Background



This preview shows how the Hex color 0497A6 looks on a white background.

Color Contrast Check

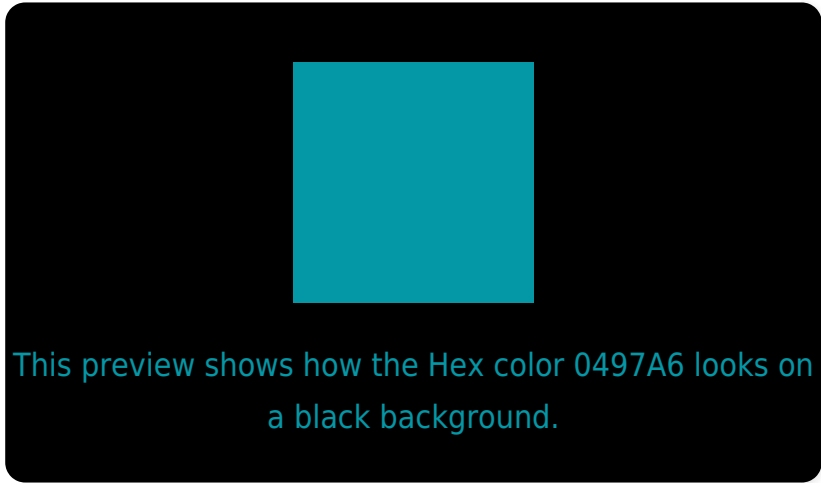
Large Text (above 18pt) WCAG AA ✓ Pass

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

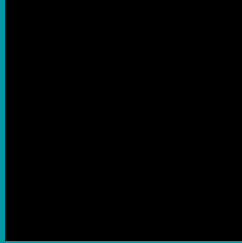
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0497A6 Background



This preview shows how black text looks on a background with the Hex color 0497A6.

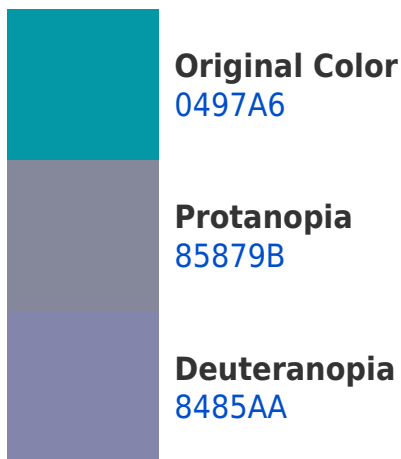


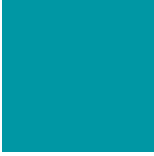
This preview shows how white text looks on a background with the Hex color 0497A6.

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



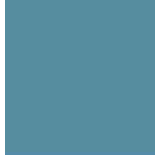


Tritanopia
0097A4

Trichromacy



Original Color
0497A6



Protanomaly
568D9F



Deuteranomaly
558CA9



Tritanomaly
0197A5

Monochromacy



Original Color
0497A6



Achromatopsia
6D6D6D



Achromatomaly
477C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 0497A6 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 #0497A6 looks like.

```
.text, #text, p{  
    color:#0497A6  
}
```

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 #0497A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0497A6
}
```

Border

The CSS property to change the border of an element to Hex 0497A6 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
#0497A6 }
```

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

```
.border{ border-color:#0497A6 }
```

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

Here you see how a box with a 4 pixel #0497A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0497A6; -webkit-box-shadow:4px 4px  
4px 4px #0497A6; box-shadow:4px 4px 4px  
4px #0497A6 }
```

Background

The CSS property to change the background color of an element to Hex 0497A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0497A6 }
```

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

```
.background{ background-color:#0497A6 }
```

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