

Converting Colors

Hex(4DA497)

Have a look what the booklet for
Hex(4DA497) contains.

Hex(4DA497)	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(4DA497)

Conversions

Conversions Part 1

Format	Color
Hex	4DA497
RGB	77, 164, 151
RGB Percent	30%, 64%, 59%
CMY	0.6980, 0.3569, 0.4078
CMYK	0.53, 0.00, 0.08, 0.36
HSL	171°, 36%, 47%
HSV	171°, 53%, 64%
XYZ	21.9219, 30.3631, 33.9834
YIQ	136.5050, -47.6790, -22.4870

Conversions

Conversions Part 2

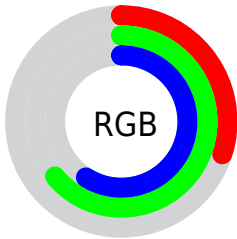
Format	Color
RYB	77, 124, 164
Decimal	5088407
CIELab	61.97, -29.43, -1.24
CIElCh	62, 29.456, 182.412
Yxy	30.3631, 0.2541, 0.3520
Android (android.graphics.Color)	4283278487 (0xFF4DA497)
YUV	136.5050, 7.1460, -52.1859
Hunter-Lab	55.1027, -25.4156, 2.0060

Details

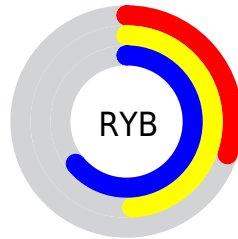
The Hex color **4DA497** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A44D5A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **85DBCD**, and **067064** is the 20% darker color. If you saturate the color by 10%, you get **3DA495**, and if you desaturate by 10%, it is **5DA499**.

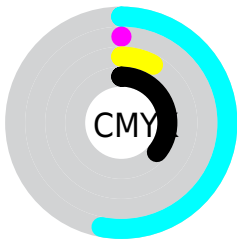
Distribution



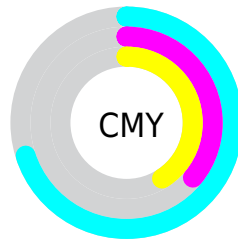
- Red (30%)
- Green (64%)
- Blue (59%)



- Red (30%)
- Yellow (49%)
- Blue (64%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA497 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 4DA497 by changing the saturation by 10% instead.



4DA497



4DA497

FFFFFF



30897D



85DBCD



067064



A1F8E9



00574C



BDFFFF



003F36



DAFFFF



002921



F8FFFF



000E0A



000000



4DA497



4DA497



3DA495



5DA499

 2CA492

 6EA49C

 1CA490

 7EA49E

 0BA48D

 8FA4A1

 00A48B

 9FA4A3

 AFA4A6

 C0A4A8

 D0A4AB

 E1A4AD

Harmonies

Analogous

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



6BA27D



4DA497



3CA3B1

Triad

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



4DA497



9C8EC2



BC8C68

Complementary

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



4DA497



A44D5A

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.



C8847B



4DA497



B986AE

Square

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



4DA497



7697C9



C88295



A69561

Rectangle

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



4DA497



45A1BE



C88295



C1896D

Sweetspot

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



4DA497



B4D6D1



5AA44D



576B68



EBEBEB



6B6B6B

Same Dimension

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



4DA497



4DD6C2



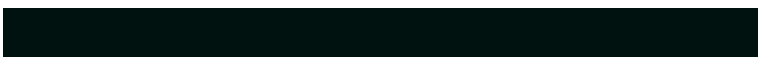
4D86A4



495250



00917C



00120F

Inverse Universe

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



A44D5A



D64D62



A46B4D



52494B



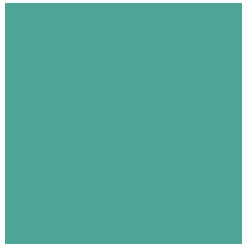
910016



120003

Previews

White Background



This preview shows how the Hex color 4DA497 looks on a white background.

Color Contrast Check

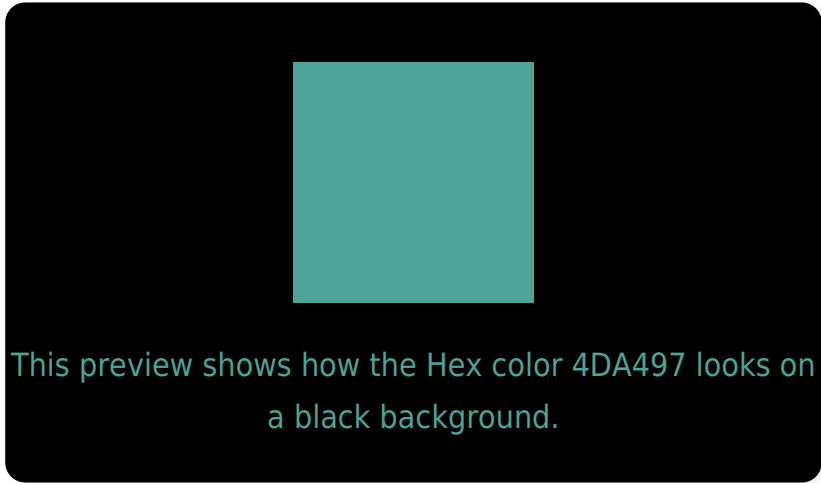
Large Text (above 18pt) WCAG AA × Fail

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

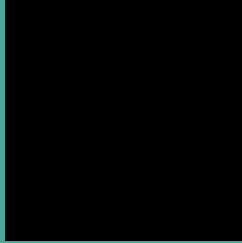
Any Text WCAG AA ✓ Pass

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 4DA497 Background



This preview shows how black text looks on a background with the Hex color 4DA497.

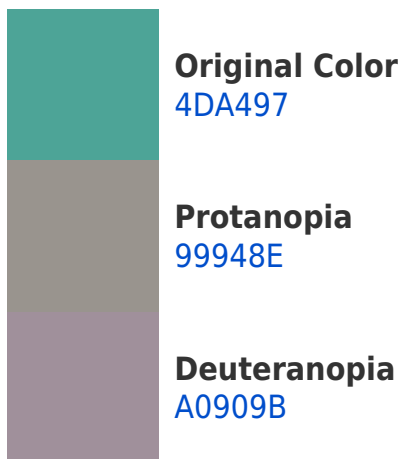


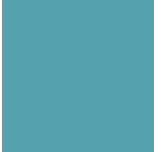
This preview shows how white text looks on a background with the Hex color 4DA497.

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](#).

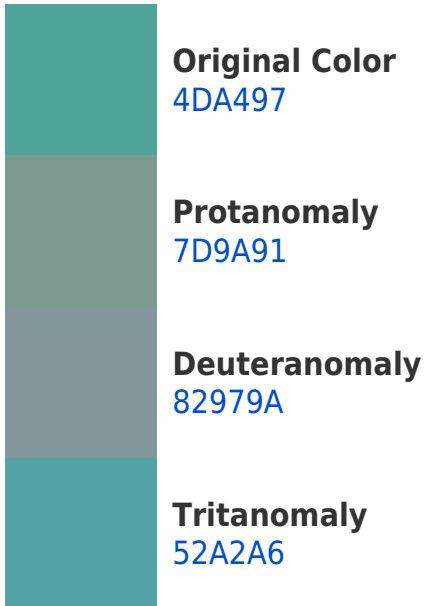
Dichromacy



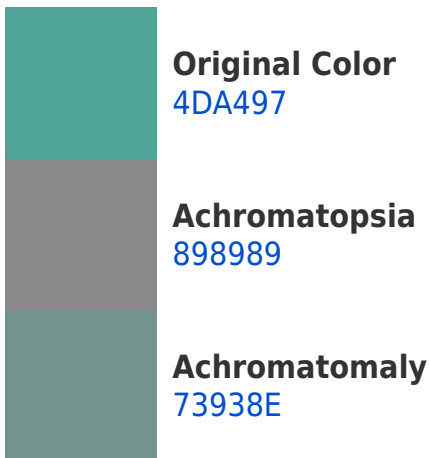


Tritanopia
55A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA497 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 #4DA497 looks like.

```
.text, #text, p{  
    color:#4DA497  
}
```

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 #4DA497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA497
}
```

Border

The CSS property to change the border of an element to Hex 4DA497 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
#4DA497 }
```

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

```
.border{ border-color:#4DA497 }
```

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

Here you see how a box with a 4 pixel #4DA497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA497; -webkit-box-shadow:4px 4px  
4px 4px #4DA497; box-shadow:4px 4px 4px  
4px #4DA497 }
```

Background

The CSS property to change the background color of an element to Hex 4DA497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA497 }
```

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

```
.background{ background-color:#4DA497 }
```

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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