

Converting Colors

Hex(4DA597)

Have a look what the booklet for
Hex(4DA597) contains.

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Color

Hex(4DA597)

Conversions

Conversions Part 1

Format	Color
Hex	4DA597
RGB	77, 165, 151
RGB Percent	30%, 65%, 59%
CMY	0.6980, 0.3529, 0.4078
CMYK	0.53, 0.00, 0.08, 0.35
HSL	170°, 36%, 47%
HSV	170°, 53%, 65%
XYZ	22.1016, 30.7224, 34.0433
YIQ	137.0920, -47.9540, -23.0100

Conversions

Conversions Part 2

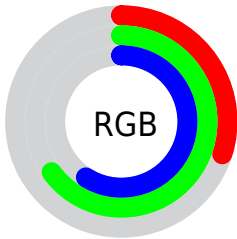
Format	Color
RYB	77, 125, 165
Decimal	5088663
CIELab	62.27, -29.91, -0.79
CIELCh	62, 29.925, 181.515
Yxy	30.7224, 0.2544, 0.3537
Android (android.graphics.Color)	4283278743 (0xFF4DA597)
YUV	137.0920, 6.8566, -52.7007
Hunter-Lab	55.4278, -25.8225, 2.3840

Details

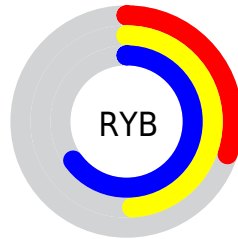
The Hex color **4DA597** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54D5B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **85DCCD**, and **057164** is the 20% darker color. If you saturate the color by 10%, you get **3CA594**, and if you desaturate by 10%, it is **5DA59A**.

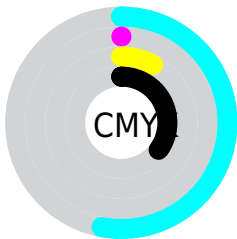
Distribution



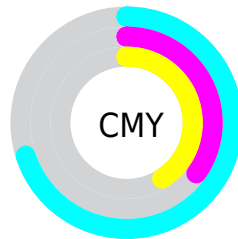
- Red (30%)
- Green (65%)
- Blue (59%)



- Red (30%)
- Yellow (49%)
- Blue (65%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (70%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA597 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 4DA597 by changing the saturation by 10% instead.



4DA597



4DA597

FFFFFF



2F8A7D



85DCCD



057164



A1F9E9



00584C



BDFFFF



004036



DAFFFF



002921



F8FFFF



000F0A



000000



4DA597



4DA597



3CA594



5DA59A

 2CA592

 6EA59C

 1BA58F

 7EA59F

 0BA58C

 8FA5A1

 00A58B

 9FA5A4

 B0A5A7

 C0A5A9

 D1A5AC

 E2A5AF

Harmonies

Analogous

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



6CA37C



4DA597



3BA4B1

Triad

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



4DA597



9C8FC4



BE8C69

Complementary

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



4DA597



A54D5B

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.



CA857C



4DA597



B987B0

Square

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



4DA597



7599CB



C98296



A79561

Rectangle

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



4DA597



43A2BF



C98296



C3896E

Sweetspot

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



4DA597



B4D6D1



5CA54D



576B68



EBEBEB



6B6B6B

Same Dimension

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



4DA597



4DD6C0



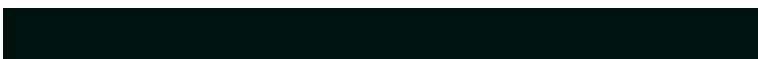
4D88A5



495250



00917A



00120F

Inverse Universe

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



A54D5B



D64D63



A56A4D



52494B



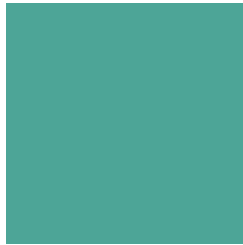
910017



120003

Previews

White Background



This preview shows how the Hex color 4DA597 looks on a white background.

Color Contrast Check

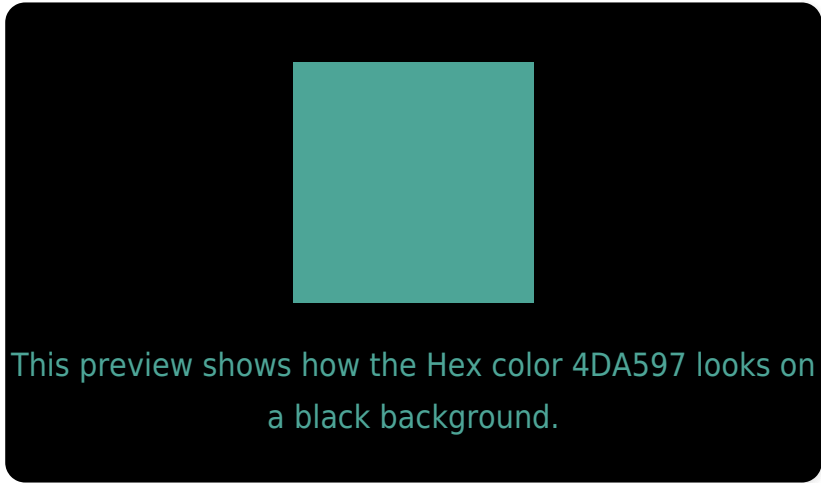
Large Text (above 18pt) WCAG AA × Fail

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

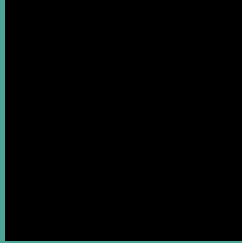
Any Text WCAG AA ✓ Pass

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 4DA597 Background



This preview shows how black text looks on a background with the Hex color 4DA597.

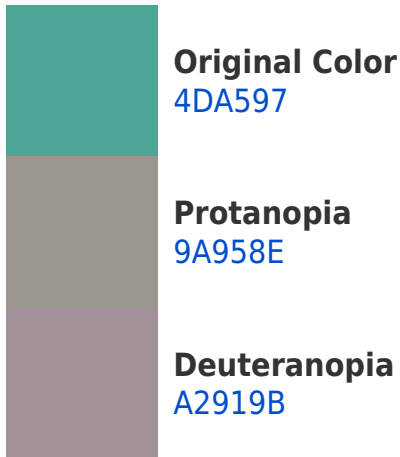


This preview shows how white text looks on a background with the Hex color 4DA597.

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](#).

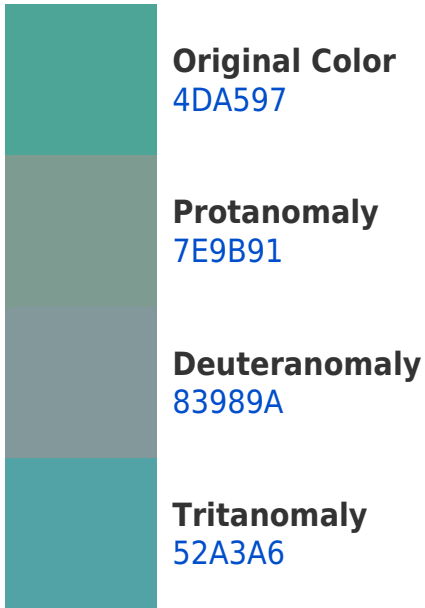
Dichromacy



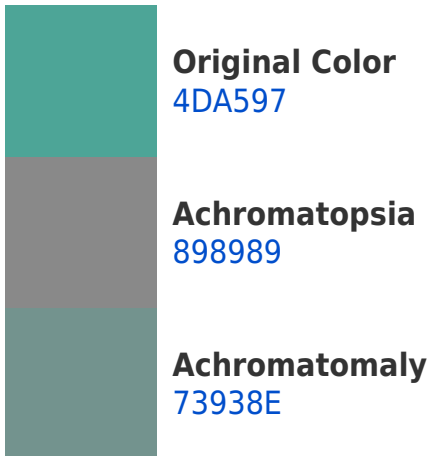


Tritanopia
55A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA597 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 #4DA597 looks like.

```
.text, #text, p{  
    color:#4DA597  
}
```

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 #4DA597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA597
}
```

Border

The CSS property to change the border of an element to Hex 4DA597 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
#4DA597 }
```

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

```
.border{ border-color:#4DA597 }
```

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

Here you see how a box with a 4 pixel #4DA597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA597; -webkit-box-shadow:4px 4px  
4px 4px #4DA597; box-shadow:4px 4px 4px  
4px #4DA597 }
```

Background

The CSS property to change the background color of an element to Hex 4DA597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA597 }
```

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

```
.background{ background-color:#4DA597 }
```

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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