

Converting Colors

Hex(4DAB95)

Have a look what the booklet for
Hex(4DAB95) contains.

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Color

Hex(4DAB95)

Conversions

Conversions Part 1

Format	Color
Hex	4DAB95
RGB	77, 171, 149
RGB Percent	30%, 67%, 58%
CMY	0.6980, 0.3294, 0.4157
CMYK	0.55, 0.00, 0.13, 0.33
HSL	166°, 38%, 49%
HSV	166°, 55%, 67%
XYZ	23.0483, 32.8735, 33.5642
YIQ	140.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

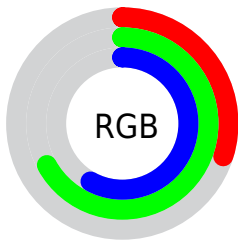
Format	Color
RYB	77, 130, 171
Decimal	5090197
CIELab	64.06, -33.28, 2.93
CIElCh	64, 33.412, 174.973
Yxy	32.8735, 0.2576, 0.3674
Android (android.graphics.Color)	4283280277 (0xFF4DAB95)
YUV	140.3860, 4.2467, -55.5895
Hunter-Lab	57.3354, -28.5817, 5.4264

Details

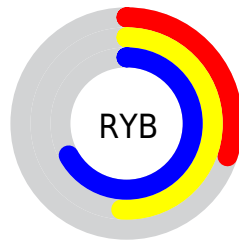
The Hex color **4DAB95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB4D63**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **85E3CB**, and **017662** is the 20% darker color. If you saturate the color by 10%, you get **3CAB91**, and if you desaturate by 10%, it is **5EAB99**.

Distribution



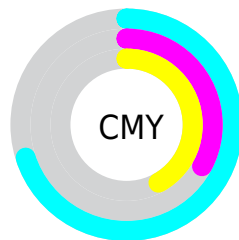
- Red (30%)
- Green (67%)
- Blue (58%)



- Red (30%)
- Yellow (51%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DAB95 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 4DAB95 by changing the saturation by 10% instead.



4DAB95



4DAB95

FFFFFF



2F907B



85E3CB



017662



A2FFE7



005D4B



BEFFFF



004534



DBFFFF



002E1F



F9FFFF



001707



000000



4DAB95



4DAB95



3CAB91



5EAB99

 2BAB8D

 6FAB9D

 1AAB89

 80ABA1

 09AB85

 91ABA5

 00AB83

 A2ABA9

 B4ABAD

 C5ABB1

 D6ABB5

 E7ABB9

Harmonies

Analogous

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



73A878



4DAB95



2BABB3

Triad

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



4DAB95



9895D1



CA8D6B

Complementary

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



4DAB95



AB4D63

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.



D58684



4DAB95



BC8BBE

Square

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



4DAB95



69A0D6



D185A1



B49860

Rectangle

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



4DAB95



2DA9C4



D185A1



D08A72

Sweetspot

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



4DAB95



BADED6



64AB4D



5B706B



F0F0F0



707070

Same Dimension

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



4DAB95



4BDEBC



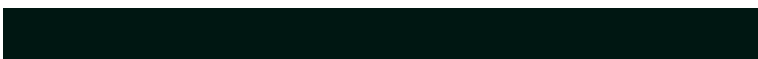
4D93AB



4E5755



009673



001712

Inverse Universe

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



AB4D63



DE4B6E



AB644D



574E50



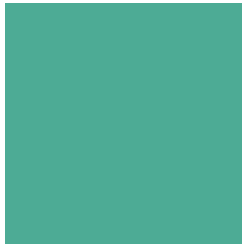
960023



170005

Previews

White Background



This preview shows how the Hex color 4DAB95 looks on a white background.

Color Contrast Check

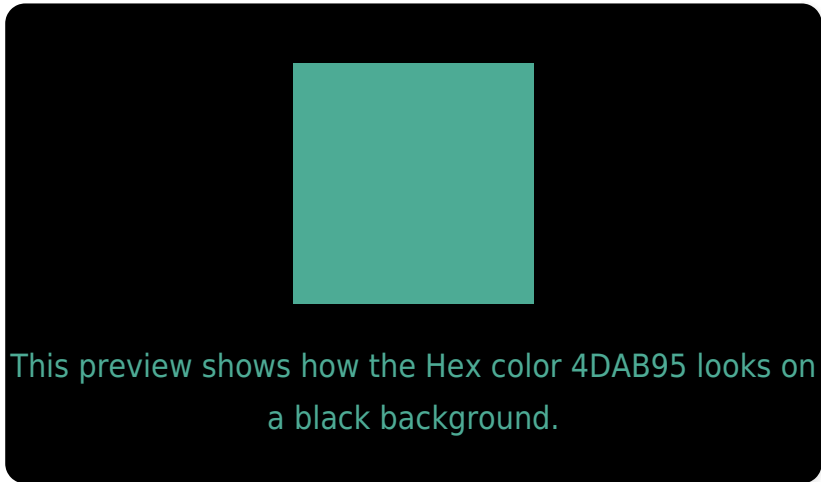
Large Text (above 18pt) WCAG AA × Fail

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

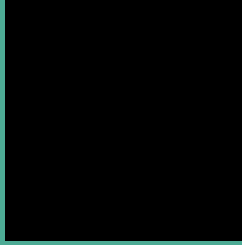
Any Text WCAG AA ✓ Pass

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 4DAB95 Background



This preview shows how black text looks on a background with the Hex color 4DAB95.

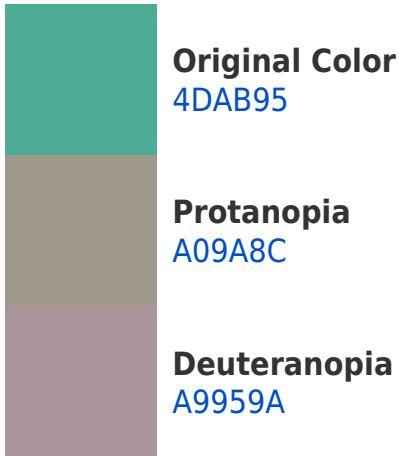


This preview shows how white text looks on a background with the Hex color 4DAB95.

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
57A7B4

Trichromacy



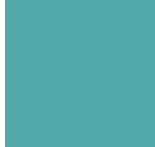
Original Color
4DAB95



Protanomaly
82A08F



Deuteranomaly
889D98



Tritanomaly
53A8A9

Monochromacy



Original Color
4DAB95



Achromatopsia
8C8C8C



Achromatomaly
75978F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DAB95 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 #4DAB95 looks like.

```
.text, #text, p{  
    color:#4DAB95  
}
```

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 #4DAB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAB95  
}
```

Border

The CSS property to change the border of an element to Hex 4DAB95 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  
#4DAB95 }
```

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

```
.border{ border-color:#4DAB95 }
```

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

Here you see how a box with a 4 pixel #4DAB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAB95; -webkit-box-shadow:4px 4px  
4px 4px #4DAB95; box-shadow:4px 4px 4px  
4px #4DAB95 }
```

Background

The CSS property to change the background color of an element to Hex 4DAB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAB95 }
```

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

```
.background{ background-color:#4DAB95 }
```

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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