

Converting Colors

Hex(4994A9)

Have a look what the booklet for
Hex(4994A9) contains.

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Color

Hex(4994A9)

Conversions

Conversions Part 1

Format	Color
Hex	4994A9
RGB	73, 148, 169
RGB Percent	29%, 58%, 66%
CMY	0.7137, 0.4196, 0.3373
CMYK	0.57, 0.12, 0.00, 0.34
HSL	193°, 40%, 47%
HSV	193°, 57%, 66%
XYZ	20.4990, 25.4608, 41.3701
YIQ	127.9690, -51.4410, -9.3690

Conversions

Conversions Part 2

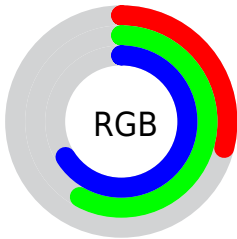
Format	Color
R_{YB}	73, 115, 169
Decimal	4822185
CIE _{Lab}	57.52, -17.06, -18.10
CIE _{LCh}	58, 24.866, 226.694
Yxy	25.4608, 0.2347, 0.2915
Android (android.graphics.Color)	4283012265 (0xFF4994A9)
YUV	127.9690, 20.2283, -48.2078
Hunter-Lab	50.4587, -15.7867, -13.2896

Details

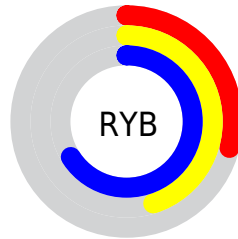
The Hex color **4994A9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A95E49**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **81CAE0**, and **006175** is the 20% darker color. If you saturate the color by 10%, you get **3890A9**, and if you desaturate by 10%, it is **5A98A9**.

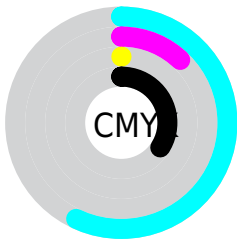
Distribution



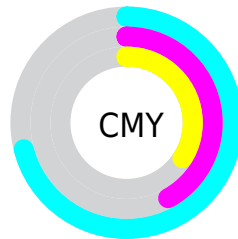
- Red (29%)
- Green (58%)
- Blue (66%)



- Red (29%)
- Yellow (45%)
- Blue (66%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4994A9 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 4994A9 by changing the saturation by 10% instead.



4994A9



4994A9

FFFFFF



2A7A8F



81CAE0



006175



9EE6FD



00495C



BAF0FF



003245



D7FFFF



001E2E



F4FFFF



00011A



000000



4994A9



4994A9



3890A9



5A98A9

■ 278DA9

■ 6B9BA9

■ 1689A9

■ 7C9FA9

■ 0585A9

■ 8DA3A9

■ 0084A9

■ 9DA6A9

■ AEAAA9

■ BFAEA9

■ D0B2A9

■ E1B5A9

Harmonies

Analogous

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



499696



4994A9



608FB4

Triad

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



4994A9



AF7B95



8D8D60

Complementary

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



4994A9



A95E49

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.



A28560



4994A9



B67A7F

Square

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



4994A9



9C80A8



B17F6B



75926C

Rectangle

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



4994A9



758BB5



B17F6B



958A5F

Sweetspot

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



4994A9



B6D3DB



49A95E



58696E



EDEDED



6E6E6E

Same Dimension

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



4994A9



46BBDB



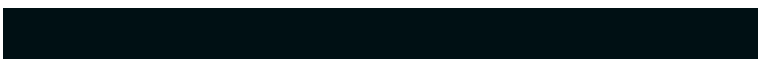
4964A9



4C5254



007494



001014

Inverse Universe

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



A94994



DB46BB



A98E49



544C52



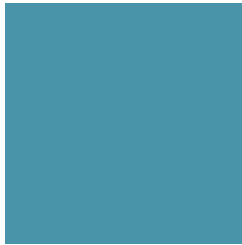
940074



140010

Previews

White Background



This preview shows how the Hex color 4994A9 looks on a white background.

Color Contrast Check

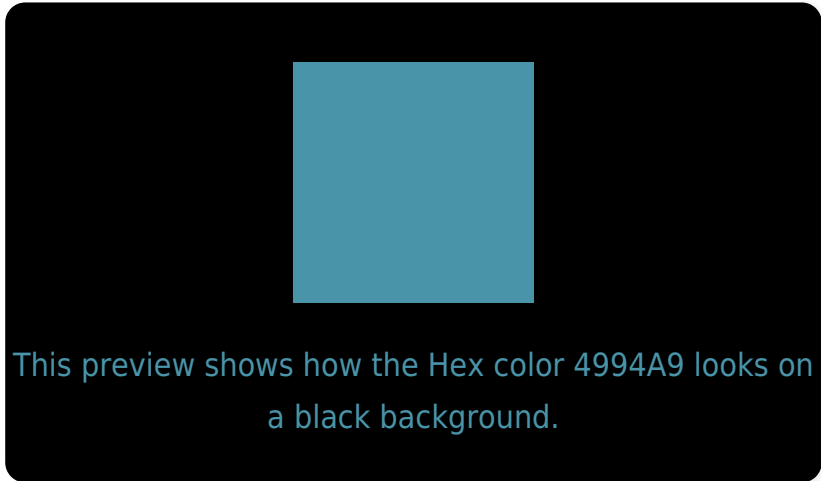
Large Text (above 18pt) WCAG AA ✓ Pass

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

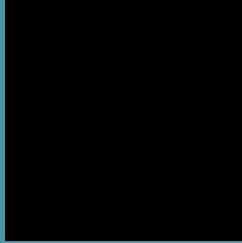
Any Text WCAG AA ✓ Pass

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 4994A9 Background



This preview shows how black text looks on a background with the Hex color 4994A9.

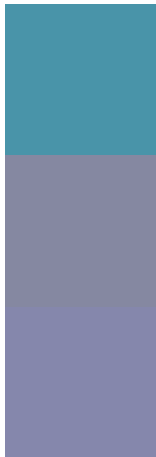


This preview shows how white text looks on a background with the Hex color 4994A9.

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



Original Color
4994A9

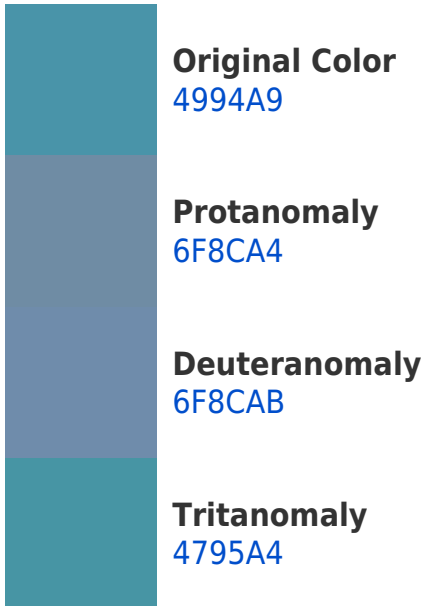
Protanopia
8588A1

Deuteranopia
8587AC

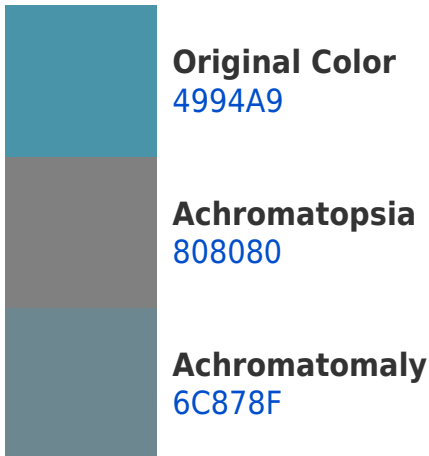


Tritanopia
4695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4994A9 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 #4994A9 looks like.

```
.text, #text, p{  
    color:#4994A9  
}
```

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 #4994A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4994A9
}
```

Border

The CSS property to change the border of an element to Hex 4994A9 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
#4994A9 }
```

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

```
.border{ border-color:#4994A9 }
```

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

Here you see how a box with a 4 pixel #4994A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4994A9; -webkit-box-shadow:4px 4px  
4px 4px #4994A9; box-shadow:4px 4px 4px  
4px #4994A9 }
```

Background

The CSS property to change the background color of an element to Hex 4994A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4994A9 }
```

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

```
.background{ background-color:#4994A9 }
```

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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