

Converting Colors

Hex(4C9D9D)

Have a look what the booklet for
Hex(4C9D9D) contains.

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Color

Hex(4C9D9D)

Conversions

Conversions Part 1

Format	Color
Hex	4C9D9D
RGB	76, 157, 157
RGB Percent	30%, 62%, 62%
CMY	0.7020, 0.3843, 0.3843
CMYK	0.52, 0.00, 0.00, 0.38
HSL	180°, 35%, 46%
HSV	180°, 52%, 62%
XYZ	21.1233, 28.0848, 36.2059
YIQ	132.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

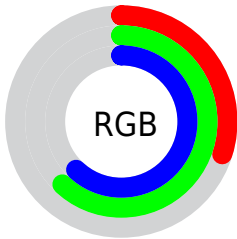
Format	Color
RYB	76, 117, 157
Decimal	5021085
CIELab	59.97, -24.57, -7.58
CIElCh	60, 25.719, 197.153
Yxy	28.0848, 0.2473, 0.3288
Android (android.graphics.Color)	4283211165 (0xFF4C9D9D)
YUV	132.7810, 11.9400, -49.7969
Hunter-Lab	52.9951, -21.5932, -3.4100

Details

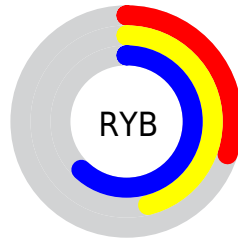
The Hex color **4C9D9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4C4C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **84D4D3**, and **05696A** is the 20% darker color. If you saturate the color by 10%, you get **3C9D9D**, and if you desaturate by 10%, it is **5C9D9D**.

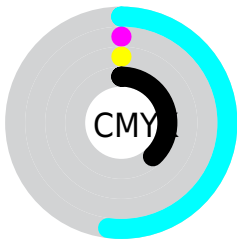
Distribution



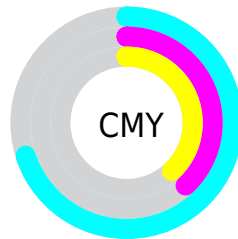
- Red (30%)
- Green (62%)
- Blue (62%)



- Red (30%)
- Yellow (46%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9D9D 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 4C9D9D by changing the saturation by 10% instead.

 4C9D9D

 4C9D9D

FFFFFF

 2F8383

 84D4D3

 05696A

 A0F0F0

 005152

 BCFFFF

 00393B

 D9FFFF

 002425

 F6FFFF

 000111

 000000

 4C9D9D

 4C9D9D

 3C9D9D

 5C9D9D

■ 2D9D9D

■ 6B9D9D

■ 1D9D9D

■ 7B9D9D

■ 0D9D9D

■ 8B9D9D

■ 009D9D

■ 9B9D9D

■ AA9D9D

■ BA9D9D

■ CA9D9D

■ D99D9D

Harmonies

Analogous

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



609C86



4C9D9D



4D9BB1

Triad

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



4C9D9D



A486AF



A98C65

Complementary

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



4C9D9D



9D4C4C

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.



B98470



4C9D9D



B7819B

Square

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



4C9D9D



868EBC



BE8084



939365

Rectangle

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



4C9D9D



5B98BA



BE8084



AF8967

Sweetspot

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



4C9D9D



ADCCCC



4C9D4C



546666



E6E6E6



666666

Same Dimension

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



4C9D9D



4ECCCC



4C759D



474F4F



008F8F



000F0F

Inverse Universe

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



9D4C9D



CC4ECC



9D754C



4F474F



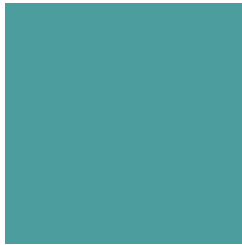
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 4C9D9D looks on a white background.

Color Contrast Check

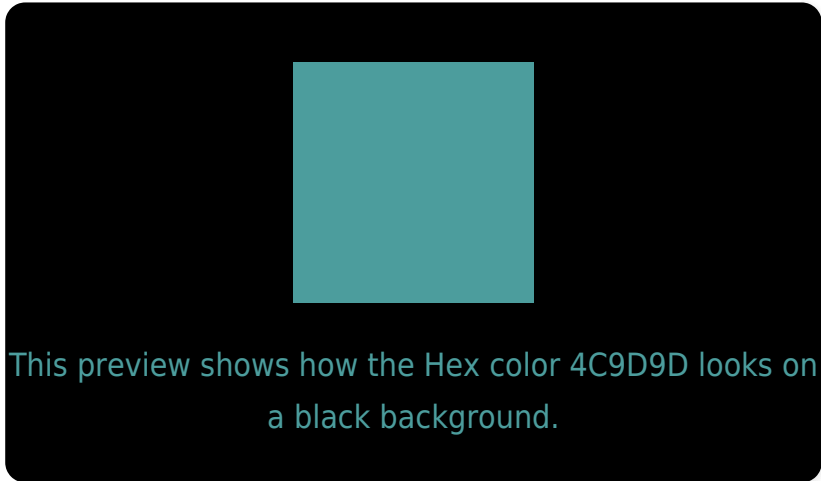
Large Text (above 18pt) WCAG AA ✓ Pass

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

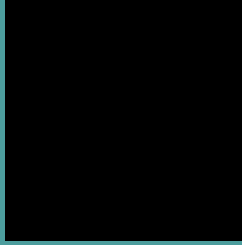
Any Text WCAG AA ✓ Pass

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 4C9D9D Background



This preview shows how black text looks on a background with the Hex color 4C9D9D.

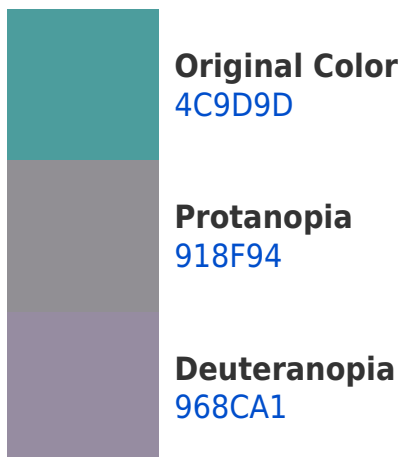


This preview shows how white text looks on a background with the Hex color 4C9D9D.

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
509BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9D9D 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 #4C9D9D looks like.

```
.text, #text, p{  
    color:#4C9D9D  
}
```

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 #4C9D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9D9D
}
```

Border

The CSS property to change the border of an element to Hex 4C9D9D 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
#4C9D9D }
```

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

```
.border{ border-color:#4C9D9D }
```

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

Here you see how a box with a 4 pixel #4C9D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9D9D; -webkit-box-shadow:4px 4px  
4px 4px #4C9D9D; box-shadow:4px 4px 4px  
4px #4C9D9D }
```

Background

The CSS property to change the background color of an element to Hex 4C9D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9D9D }
```

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

```
.background{ background-color:#4C9D9D }
```

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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