

Converting Colors

Hex(4C9F96)

Have a look what the booklet for
Hex(4C9F96) contains.

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Color

Hex(4C9F96)

Conversions

Conversions Part 1

Format	Color
Hex	4C9F96
RGB	76, 159, 150
RGB Percent	30%, 62%, 59%
CMY	0.7020, 0.3765, 0.4118
CMYK	0.52, 0.00, 0.06, 0.38
HSL	173°, 35%, 46%
HSV	173°, 52%, 62%
XYZ	20.8836, 28.5348, 33.2612
YIQ	133.1570, -46.5790, -20.3950

Conversions

Conversions Part 2

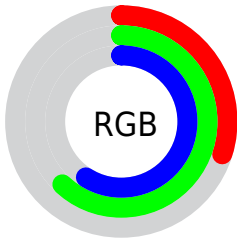
Format	Color
RYB	76, 120, 159
Decimal	5021590
CIELab	60.37, -27.46, -3.03
CIELCh	60, 27.630, 186.288
Yxy	28.5348, 0.2526, 0.3451
Android (android.graphics.Color)	4283211670 (0xFF4C9F96)
YUV	133.1570, 8.3036, -50.1267
Hunter-Lab	53.4180, -23.6972, 0.4750

Details

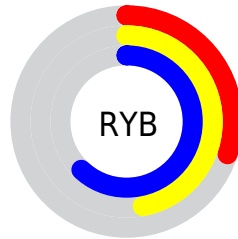
The Hex color **4C9F96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F4C55**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **83D6CC**, and **066B63** is the 20% darker color. If you saturate the color by 10%, you get **3C9F94**, and if you desaturate by 10%, it is **5C9F98**.

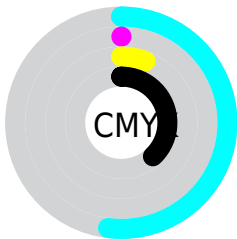
Distribution



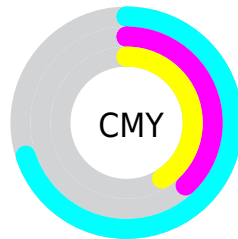
- Red (30%)
- Green (62%)
- Blue (59%)



- Red (30%)
- Yellow (47%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9F96 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 4C9F96 by changing the saturation by 10% instead.



4C9F96



4C9F96

FFFFFF



2F857C



83D6CC



066B63



9FF3E8



00524C



BCFFFF



003B35



D9FFFF



002520



F6FFFF



000309



000000



4C9F96



4C9F96



3C9F94



5C9F98

■ 2C9F93

■ 6C9F99

■ 1C9F91

■ 7C9F9B

■ 0C9F8F

■ 8C9F9D

■ 009F8E

■ 9C9F9F

■ AB9FA0

■ BB9FA2

■ CB9FA4

■ DB9FA6

Harmonies

Analogous

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



669D7D



4C9F96



419EAE

Triad

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



4C9F96



9C89B9



B38966

Complementary

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



4C9F96



9F4C55

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.



C08276



4C9F96



B582A6

Square

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



4C9F96



7992C2



C17F8D



9D9261

Rectangle

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



4C9F96



4C9BB9



C17F8D



B8876A

Sweetspot

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



4C9F96



AECFCB



569F4C



556966



E8E8E8



696969

Same Dimension

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



4C9F96



4CCFC0



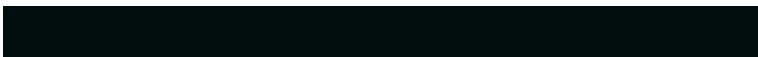
4C7F9F



474F4E



008F7F



000F0E

Inverse Universe

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



9F4C55



CF4C5B



9F6C4C



4F4748



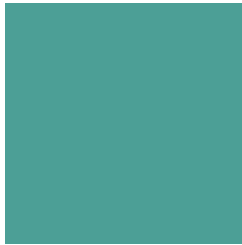
8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 4C9F96 looks on a white background.

Color Contrast Check

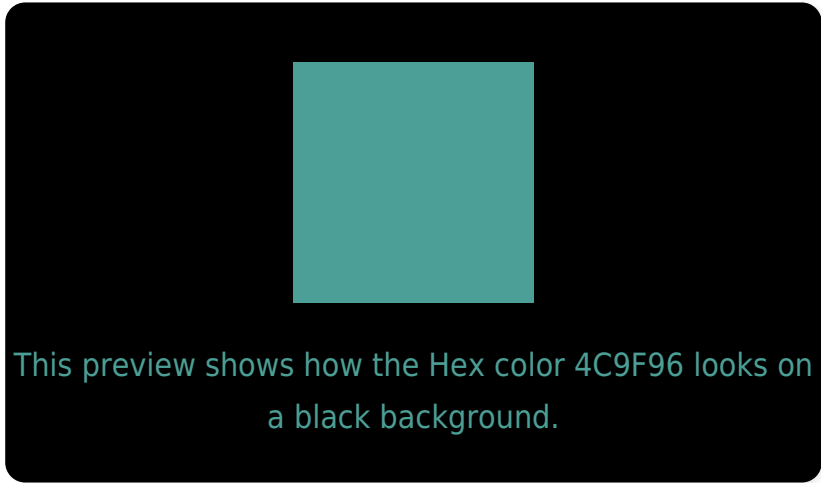
Large Text (above 18pt) WCAG AA ✓ Pass

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

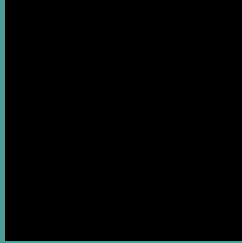
Any Text WCAG AA ✓ Pass

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 4C9F96 Background



This preview shows how black text looks on a background with the Hex color 4C9F96.

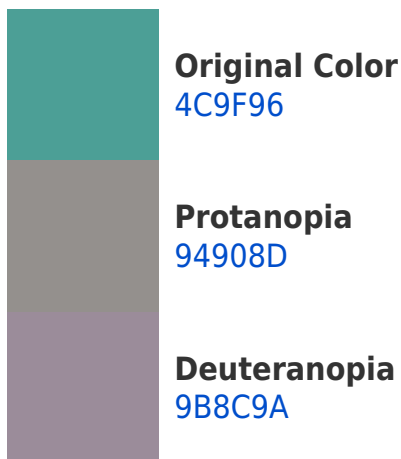


This preview shows how white text looks on a background with the Hex color 4C9F96.

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
529CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9F96 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 #4C9F96 looks like.

```
.text, #text, p{  
    color:#4C9F96  
}
```

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 #4C9F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9F96
}
```

Border

The CSS property to change the border of an element to Hex 4C9F96 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
#4C9F96 }
```

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

```
.border{ border-color:#4C9F96 }
```

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

Here you see how a box with a 4 pixel #4C9F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9F96; -webkit-box-shadow:4px 4px  
4px 4px #4C9F96; box-shadow:4px 4px 4px  
4px #4C9F96 }
```

Background

The CSS property to change the background color of an element to Hex 4C9F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9F96 }
```

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

```
.background{ background-color:#4C9F96 }
```

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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