

Converting Colors

Hex(4B9A96)

Have a look what the booklet for
Hex(4B9A96) contains.

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Color

Hex(4B9A96)

Conversions

Conversions Part 1

Format	Color
Hex	4B9A96
RGB	75, 154, 150
RGB Percent	29%, 60%, 59%
CMY	0.7059, 0.3961, 0.4118
CMYK	0.51, 0.00, 0.03, 0.40
HSL	177°, 34%, 45%
HSV	177°, 51%, 60%
XYZ	19.9623, 26.8091, 32.9767
YIQ	129.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

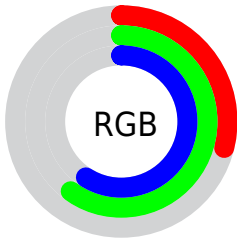
Format	Color
R _Y B	75, 116, 154
Decimal	4954774
CIE Lab	58.80, -25.19, -5.35
CIE LCh	59, 25.756, 191.990
Yxy	26.8091, 0.2503, 0.3362
Android (android.graphics.Color)	4283144854 (0xFF4B9A96)
YUV	129.9230, 9.8980, -48.1675
Hunter-Lab	51.7775, -21.7917, -1.5172

Details

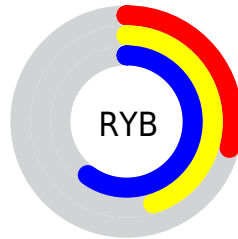
The Hex color **4B9A96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A4B4F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **82D1CC**, and **066663** is the 20% darker color. If you saturate the color by 10%, you get **3C9A95**, and if you desaturate by 10%, it is **5A9A97**.

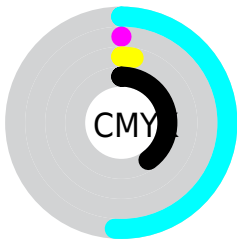
Distribution



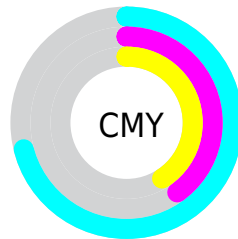
- Red (29%)
- Green (60%)
- Blue (59%)



- Red (29%)
- Yellow (45%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9A96 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 4B9A96 by changing the saturation by 10% instead.



4B9A96



4B9A96

FFFFFF



2E807C



82D1CC



066663



9EEDE8



004E4B



BAFFFF



003735



D7FFFF



002220



F4FFFF



000008



000000



4B9A96



4B9A96



3C9A95



5A9A97

 2C9A94

 6A9A98

 1D9A94

 799A98

 0D9A93

 899A99

 009A92

 989A9A

 A79A9B

 B79A9B

 C69A9C

 D69A9D

Harmonies

Analogous

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



61997F



4B9A96



4798AB

Triad

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



4B9A96



9C84AF



A98763

Complementary

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



4B9A96



9A4B4F

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.



B78070



4B9A96



B17E9C

Square

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



4B9A96



7D8CB9



BB7D85



948F61

Rectangle

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



4B9A96



5395B5



BB7D85



AF8566

Sweetspot

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



4B9A96



ABC9C8



509A4B



546665



E6E6E6



666666

Same Dimension

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



4B9A96



4DC9C3



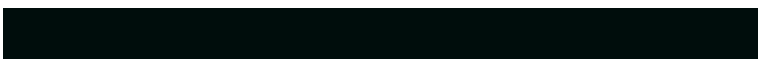
4B789A



454D4C



008C85



000D0C

Inverse Universe

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



9A4B4F



C94D53



9A6D4B



4D4545



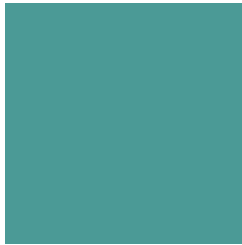
8C0007



0D0001

Previews

White Background



This preview shows how the Hex color 4B9A96 looks on a white background.

Color Contrast Check

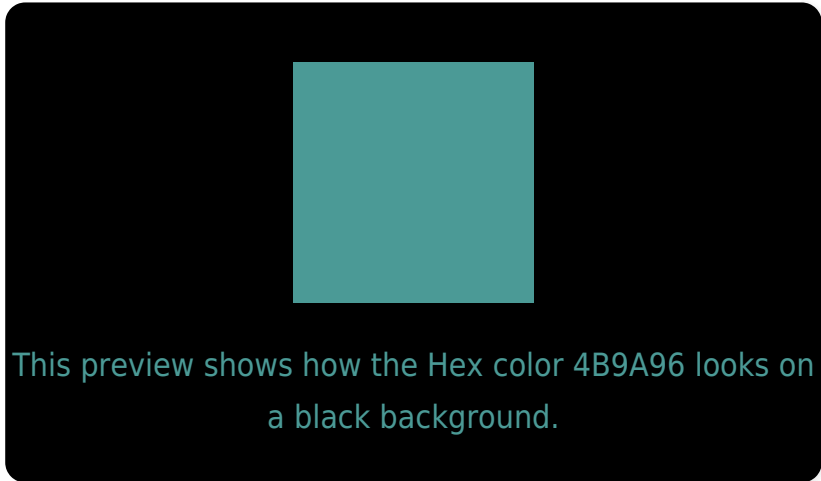
Large Text (above 18pt) WCAG AA ✓ Pass

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

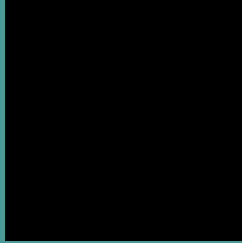
Any Text WCAG AA ✓ Pass

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 4B9A96 Background



This preview shows how black text looks on a background with the Hex color 4B9A96.

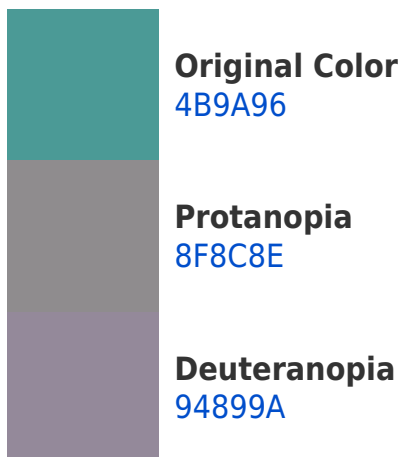


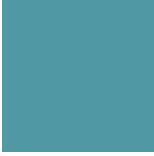
This preview shows how white text looks on a background with the Hex color 4B9A96.

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
5098A4

Trichromacy



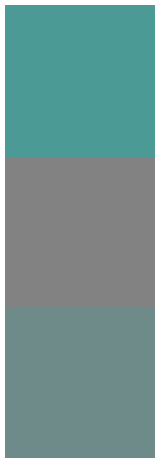
Original Color
4B9A96

Protanomaly
769191

Deuteranomaly
798F99

Tritanomaly
4E999F

Monochromacy



Original Color
4B9A96

Achromatopsia
828282

Achromatomaly
6E8B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9A96 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 #4B9A96 looks like.

```
.text, #text, p{  
    color:#4B9A96  
}
```

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 #4B9A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9A96
}
```

Border

The CSS property to change the border of an element to Hex 4B9A96 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
#4B9A96 }
```

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

```
.border{ border-color:#4B9A96 }
```

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

Here you see how a box with a 4 pixel #4B9A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9A96; -webkit-box-shadow:4px 4px  
4px 4px #4B9A96; box-shadow:4px 4px 4px  
4px #4B9A96 }
```

Background

The CSS property to change the background color of an element to Hex 4B9A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9A96 }
```

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

```
.background{ background-color:#4B9A96 }
```

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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