

Converting Colors

Hex(4B9D89)

Have a look what the booklet for
Hex(4B9D89) contains.

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Color

Hex(4B9D89)

Conversions

Conversions Part 1

Format	Color
Hex	4B9D89
RGB	75, 157, 137
RGB Percent	29%, 62%, 54%
CMY	0.7059, 0.3843, 0.4627
CMYK	0.52, 0.00, 0.13, 0.38
HSL	165°, 35%, 45%
HSV	165°, 52%, 62%
XYZ	19.4740, 27.4159, 27.9323
YIQ	130.2020, -42.4520, -23.6040

Conversions

Conversions Part 2

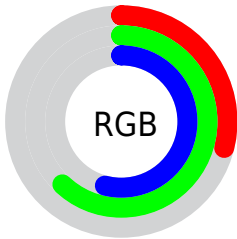
Format	Color
RYB	75, 122, 157
Decimal	4955529
CIELab	59.36, -30.05, 2.85
CIElCh	59, 30.186, 174.590
Yxy	27.4159, 0.2603, 0.3664
Android (android.graphics.Color)	4283145609 (0xFF4B9D89)
YUV	130.2020, 3.3514, -48.4122
Hunter-Lab	52.3602, -25.2421, 5.0230

Details

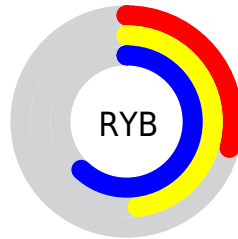
The Hex color **4B9D89** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4B5F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **82D4BE**, and **096957** is the 20% darker color. If you saturate the color by 10%, you get **3B9D85**, and if you desaturate by 10%, it is **5B9D8D**.

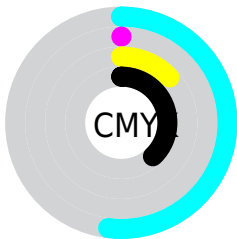
Distribution



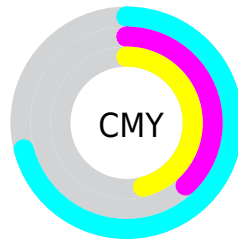
- Red (29%)
- Green (62%)
- Blue (54%)



- Red (29%)
- Yellow (48%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9D89 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 4B9D89 by changing the saturation by 10% instead.



4B9D89



4B9D89

FFFFFF



2E8370



82D4BE



096957



9EF1DA



005040



BAFFF7



00392A



D6FFFF



002416



F4FFFF



000000



4B9D89



4B9D89



3B9D85



5B9D8D



2C9D81



6A9D91

■ 1C9D7E

■ 7A9D94

■ 0C9D7A

■ 8A9D98

■ 009D77

■ 9A9D9C

■ A99DA0

■ B99DA4

■ C99DA8

■ D89DAB

Harmonies

Analogous

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



6C9A6F



4B9D89



319DA4

Triad

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



4B9D89



8C8ABF



B98365

Complementary

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



4B9D89



9D4B5F

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.



C37C7A



4B9D89



AC81AE

Square

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



4B9D89



6293C3



BF7B95



A58C5A

Rectangle

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



4B9D89



329BB3



BF7B95



BE806B

Sweetspot

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



4B9D89



ABCCC4



609D4B



536661



E6E6E6



666666

Same Dimension

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



4B9D89



4BCCAD



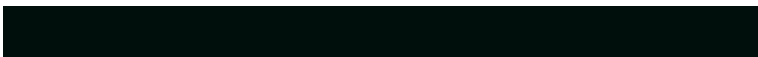
4B899D



474F4D



008F6C



000F0C

Inverse Universe

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



9D4B5F



CC4B6B



9D604B



4F4749



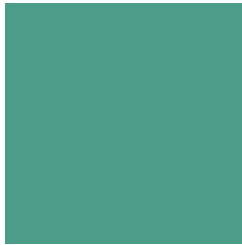
8F0023



0F0004

Previews

White Background



This preview shows how the Hex color 4B9D89 looks on a white background.

Color Contrast Check

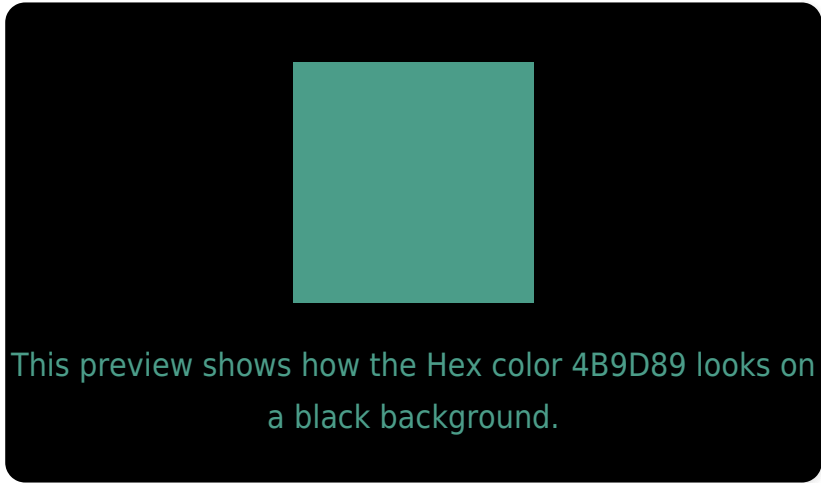
Large Text (above 18pt) WCAG AA ✓ Pass

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

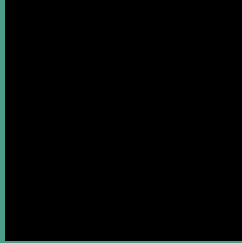
Any Text WCAG AA ✓ Pass

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 4B9D89 Background



This preview shows how black text looks on a background with the Hex color 4B9D89.

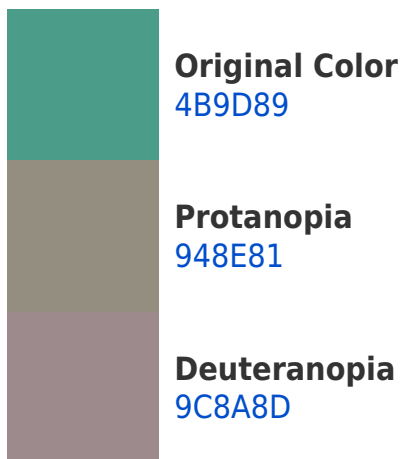


This preview shows how white text looks on a background with the Hex color 4B9D89.

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
5499A5

Trichromacy



Original Color
4B9D89



Protanomaly
799384



Deuteranomaly
7F918C



Tritanomaly
519A9B

Monochromacy



Original Color
4B9D89



Achromatopsia
828282



Achromatomaly
6E8C85

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9D89 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 #4B9D89 looks like.

```
.text, #text, p{  
    color:#4B9D89  
}
```

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 #4B9D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9D89
}
```

Border

The CSS property to change the border of an element to Hex 4B9D89 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
#4B9D89 }
```

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

```
.border{ border-color:#4B9D89 }
```

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

Here you see how a box with a 4 pixel #4B9D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9D89; -webkit-box-shadow:4px 4px  
4px 4px #4B9D89; box-shadow:4px 4px 4px  
4px #4B9D89 }
```

Background

The CSS property to change the background color of an element to Hex 4B9D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9D89 }
```

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

```
.background{ background-color:#4B9D89 }
```

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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