

Converting Colors

Hex(4B8A96)

Have a look what the booklet for
Hex(4B8A96) contains.

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Color

Hex(4B8A96)

Conversions

Conversions Part 1

Format	Color
Hex	4B8A96
RGB	75, 138, 150
RGB Percent	29%, 54%, 59%
CMY	0.7059, 0.4588, 0.4118
CMYK	0.50, 0.08, 0.00, 0.41
HSL	190°, 33%, 44%
HSV	190°, 50%, 59%
XYZ	17.4952, 21.8748, 32.1543
YIQ	120.5310, -41.4000, -9.6240

Conversions

Conversions Part 2

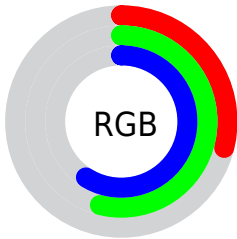
Format	Color
RYB	75, 109, 150
Decimal	4950678
CIELab	53.89, -16.85, -12.68
CIElCh	54, 21.083, 216.967
Yxy	21.8748, 0.2446, 0.3058
Android (android.graphics.Color)	4283140758 (0xFF4B8A96)
YUV	120.5310, 14.5282, -39.9307
Hunter-Lab	46.7705, -15.0781, -8.0220

Details

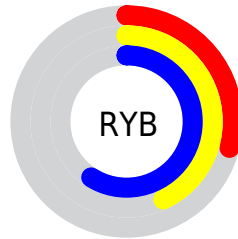
The Hex color **4B8A96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96574B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81C0CC**, and **0E5863** is the 20% darker color. If you saturate the color by 10%, you get **3C8896**, and if you desaturate by 10%, it is **5A8C96**.

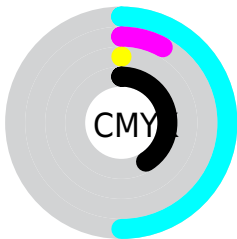
Distribution



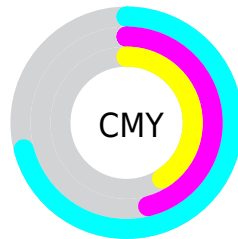
- Red (29%)
- Green (54%)
- Blue (59%)



- Red (29%)
- Yellow (43%)
- Blue (59%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8A96 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 4B8A96 by changing the saturation by 10% instead.



4B8A96



4B8A96

FFFFFF



2F707C



81C0CC



0E5863



9CDBE8



00404B



B8F8FF



002A35



D5FFFF



00171F



F2FFFF



000005



000000



4B8A96



4B8A96



3C8896



5A8C96

2D8596

698F96

1E8396

789196

0F8096

879496

007E96

969696

A59896

B49B96

C39D96

D2A096

Harmonies

Analogous

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



508B85



4B8A96



5887A2

Triad

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



4B8A96



9C758F



8A815D

Complementary

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



4B8A96



96574B

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.



9A7B60



4B8A96



A5747D

Square

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



4B8A96



897B9E



A4766C



768663

Rectangle

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



4B8A96



6883A5



A4766C



907F5D

Sweetspot

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



4B8A96



A5BDC2



4B9656



4F5E61



E0E0E0



616161

Same Dimension

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



4B8A96



4EAFC2



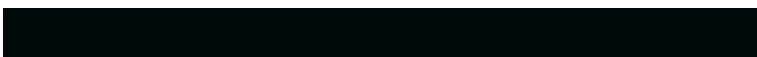
4B6596



43494A



00748A



00090A

Inverse Universe

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



964B8A



C24EAF



967C4B



4A4349



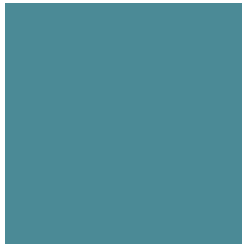
8A0074



0A0009

Previews

White Background



This preview shows how the Hex color 4B8A96 looks on a white background.

Color Contrast Check

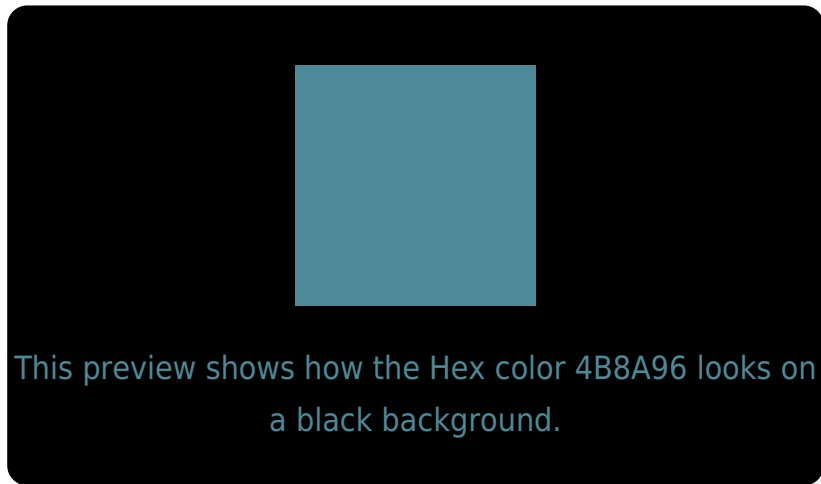
Large Text (above 18pt) WCAG AA ✓ Pass

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

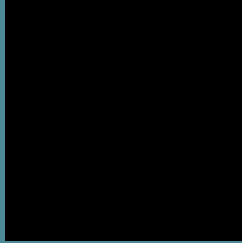
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

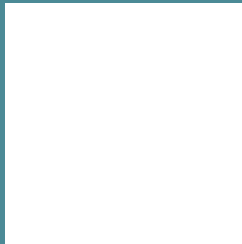
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B8A96 Background



This preview shows how black text looks on a background with the Hex color 4B8A96.

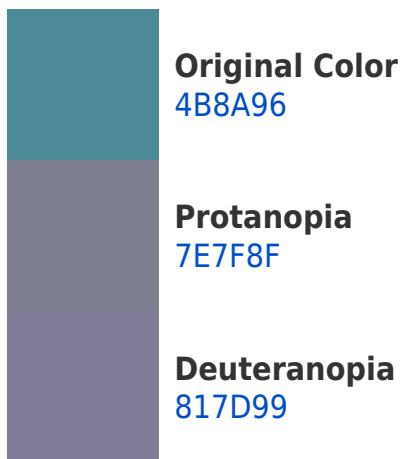



This preview shows how white text looks on a background with the Hex color 4B8A96.

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



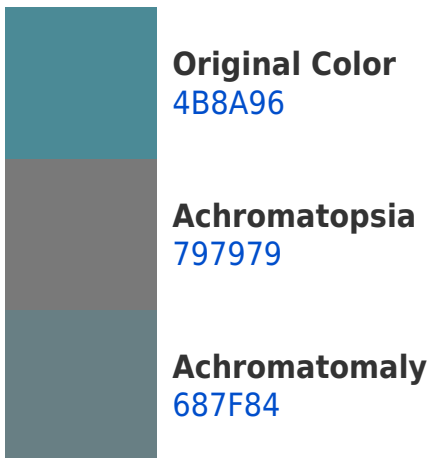


Tritanopia
4B8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8A96 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 #4B8A96 looks like.

```
.text, #text, p{  
    color:#4B8A96  
}
```

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 #4B8A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8A96  
}
```

Border

The CSS property to change the border of an element to Hex 4B8A96 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  
#4B8A96 }
```

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

```
.border{ border-color:#4B8A96 }
```

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

Here you see how a box with a 4 pixel #4B8A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8A96; -webkit-box-shadow:4px 4px  
4px 4px #4B8A96; box-shadow:4px 4px 4px  
4px #4B8A96 }
```

Background

The CSS property to change the background color of an element to Hex 4B8A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8A96 }
```

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

```
.background{ background-color:#4B8A96 }
```

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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