

Converting Colors

Hex(4B9AA5)

Have a look what the booklet for
Hex(4B9AA5) contains.

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Color

Hex(4B9AA5)

Conversions

Conversions Part 1

Format	Color
Hex	4B9AA5
RGB	75, 154, 165
RGB Percent	29%, 60%, 65%
CMY	0.7059, 0.3961, 0.3529
CMYK	0.55, 0.07, 0.00, 0.35
HSL	187°, 38%, 47%
HSV	187°, 55%, 65%
XYZ	21.2488, 27.3237, 39.7514
YIQ	131.6330, -50.6150, -13.3270

Conversions

Conversions Part 2

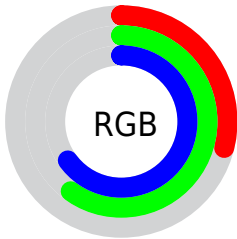
Format	Color
RYB	75, 117, 165
Decimal	4954789
CIELab	59.27, -20.99, -13.16
CIELCh	59, 24.776, 212.088
Yxy	27.3237, 0.2406, 0.3094
Android (android.graphics.Color)	4283144869 (0xFF4B9AA5)
YUV	131.6330, 16.4499, -49.6671
Hunter-Lab	52.2720, -18.9152, -8.4979

Details

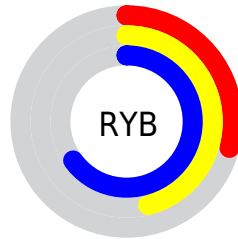
The Hex color **4B9AA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A5564B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **83D1DC**, and **006771** is the 20% darker color. If you saturate the color by 10%, you get **3B98A5**, and if you desaturate by 10%, it is **5C9CA5**.

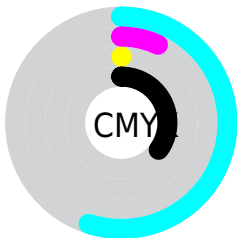
Distribution



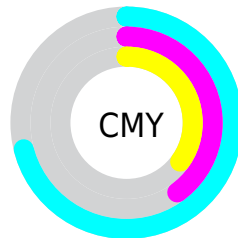
- Red (29%)
- Green (60%)
- Blue (65%)



- Red (29%)
- Yellow (46%)
- Blue (65%)



- Cyan (55%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9AA5 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 4B9AA5 by changing the saturation by 10% instead.



4B9AA5



4B9AA5

FFFFFF



2D808B



83D1DC



006771



9FEDF9



004E59



BCFFFF



003741



D9FFFF



00222B



F6FFFF



000117



000000



4B9AA5



4B9AA5



3B98A5



5C9CA5

■ 2A96A5

■ 6C9EA5

■ 1A94A5

■ 7DA0A5

■ 0992A5

■ 8DA2A5

■ 0091A5

■ 9DA4A5

■ AEA6A5

■ BEA8A5

■ CFAAA5

■ DFACA5

Harmonies

Analogous

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



559B8F



4B9AA5



5896B4

Triad

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



4B9AA5



AC82A3



9D8E63

Complementary

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



4B9AA5



A5564B

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.



AF8669



4B9AA5



B97F8E

Square

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



4B9AA5



9489B4



BA8179



859469

Rectangle

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



4B9AA5



6B92B9



BA8179



A48B64

Sweetspot

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



4B9AA5



B4D2D6



4BA556



57696B



EBEBEB



6B6B6B

Same Dimension

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



4B9AA5



4BC5D6



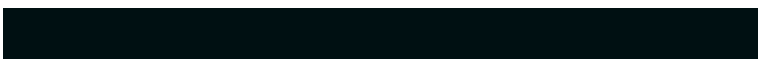
4B6EA5



495152



008091



001012

Inverse Universe

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



A54B9A



D64BC5



A5834B



524951



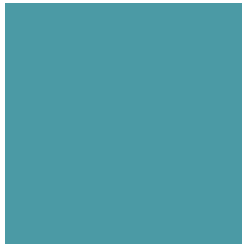
910080



120010

Previews

White Background



This preview shows how the Hex color 4B9AA5 looks on a white background.

Color Contrast Check

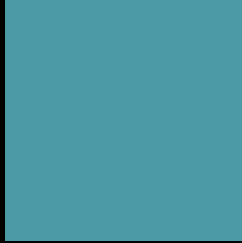
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4B9AA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

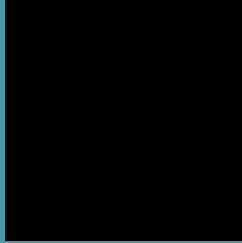
Any Text WCAG AA ✓ Pass

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 4B9AA5 Background



This preview shows how black text looks on a background with the Hex color 4B9AA5.

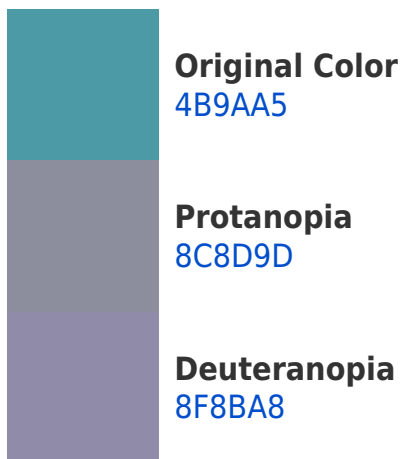


This preview shows how white text looks on a background with the Hex color 4B9AA5.

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](#).

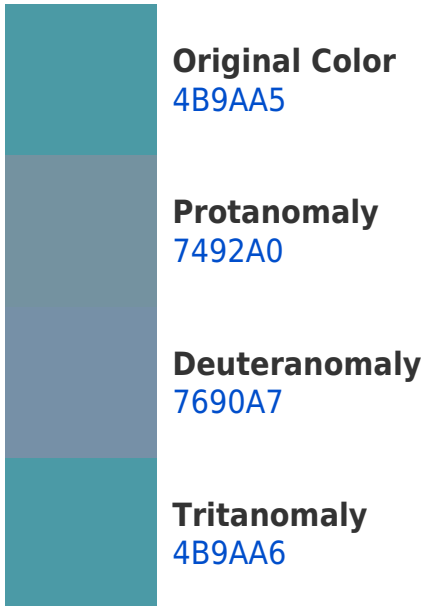
Dichromacy





Tritanopia
4B9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9AA5 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 #4B9AA5 looks like.

```
.text, #text, p{  
    color:#4B9AA5  
}
```

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 #4B9AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9AA5
}
```

Border

The CSS property to change the border of an element to Hex 4B9AA5 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
#4B9AA5 }
```

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

```
.border{ border-color:#4B9AA5 }
```

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

Here you see how a box with a 4 pixel #4B9AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9AA5; -webkit-box-shadow:4px 4px  
4px 4px #4B9AA5; box-shadow:4px 4px 4px  
4px #4B9AA5 }
```

Background

The CSS property to change the background color of an element to Hex 4B9AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9AA5 }
```

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

```
.background{ background-color:#4B9AA5 }
```

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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