

Converting Colors

Hex(4B9973)

Have a look what the booklet for
Hex(4B9973) contains.

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Color

Hex(4B9973)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4B9973 |
| RGB | 75, 153, 115 |
| RGB Percent | 29%, 60%, 45% |
| CMY | 0.7059, 0.4000, 0.5490 |
| CMYK | 0.51, 0.00, 0.25, 0.40 |
| HSL | 151°, 34%, 45% |
| HSV | 151°, 51%, 60% |
| XYZ | 17.3874, 25.5161, 20.2283 |
| YIQ | 125.3460, -34.2900, -28.3540 |

Conversions

Conversions Part 2

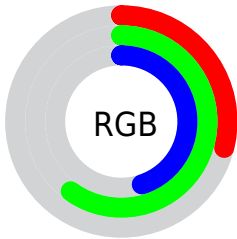
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 75, 127, 153 |
| Decimal | 4954483 |
| CIELab | 57.57, -33.30, 12.73 |
| CIELCh | 58, 35.648, 159.073 |
| Yxy | 25.5161, 0.2754, 0.4042 |
| Android (android.graphics.Color) | 4283144563 (0xFF4B9973) |
| YUV | 125.3460, -5.1006, -44.1534 |
| Hunter-Lab | 50.5135, -26.9566, 11.6165 |

Details

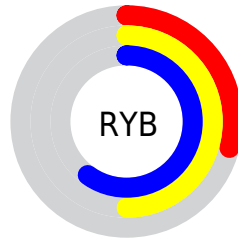
The Hex color **4B9973** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **994B71**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **81D0A7**, and **0E6543** is the 20% darker color. If you saturate the color by 10%, you get **3C996C**, and if you desaturate by 10%, it is **5A997A**.

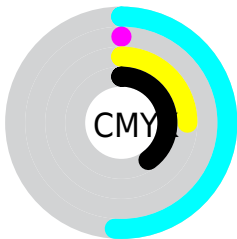
Distribution



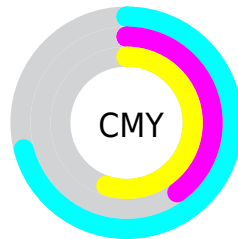
- Red (29%)
- Green (60%)
- Blue (45%)



- Red (29%)
- Yellow (50%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9973 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 4B9973 by changing the saturation by 10% instead.



4B9973



4B9973

FFFFFF



307F5A



81D0A7



0E6543



9CECC2



004D2C



B8FFDE



003518



D5FFFB



002200



F2FFFF



000000



4B9973



4B9973



3C996C



5A997A



2C9964



6A9982

■ 1D995D

■ 799989

■ 0E9955

■ 889991

■ 00994E

■ 989998

■ A799A0

■ B699A7

■ C599AF

■ D599B6

Harmonies

Analogous

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



739459



4B9973



079B93

Triad

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



4B9973



6B8AC8



C27765

Complementary

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



4B9973



994B71

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.



C67182



4B9973



9A7FBB

Square

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



4B9973



2B94C4



B975A1



B08150

Rectangle

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



4B9973



009AA7



B975A1



C5746E

Sweetspot

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



4B9973



A9C7B8



72994B



52635B



E3E3E3



636363

Same Dimension

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



4B9973



4EC78C



4B9999



454D49



008C48



000D07

Inverse Universe

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



994B71



C74E89



994B4B



4D4549



8C0044



0D0006

Previews

White Background



This preview shows how the Hex color 4B9973 looks on a white background.

Color Contrast Check

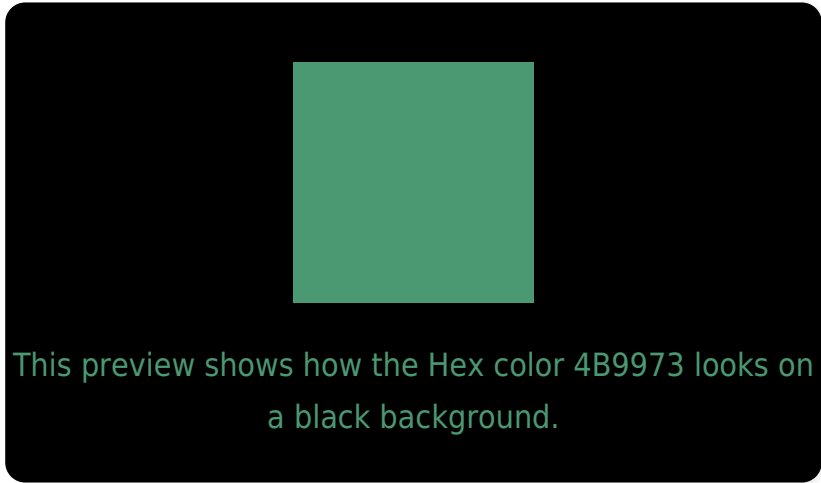
Large Text (above 18pt) WCAG AA ✓ Pass

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

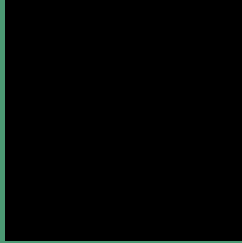
Any Text WCAG AA ✓ Pass

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 4B9973 Background



This preview shows how black text looks on a background with the Hex color 4B9973.




This preview shows how white text looks on a background with the Hex color 4B9973.

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
57939F

Trichromacy



Original Color
4B9973



Protanomaly
788F6F



Deuteranomaly
7F8C76



Tritanomaly
53958F

Monochromacy



Original Color
4B9973



Achromatopsia
7D7D7D



Achromatomaly
6B8779

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9973 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 #4B9973 looks like.

```
.text, #text, p{  
    color:#4B9973  
}
```

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 #4B9973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9973
}
```

Border

The CSS property to change the border of an element to Hex 4B9973 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
#4B9973 }
```

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

```
.border{ border-color:#4B9973 }
```

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

Here you see how a box with a 4 pixel #4B9973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9973; -webkit-box-shadow:4px 4px  
4px 4px #4B9973; box-shadow:4px 4px 4px  
4px #4B9973 }
```

Background

The CSS property to change the background color of an element to Hex 4B9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9973 }
```

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

```
.background{ background-color:#4B9973 }
```

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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