

Converting Colors

Hex(4B9E63)

Have a look what the booklet for
Hex(4B9E63) contains.

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Color

Hex(4B9E63)

Conversions

Conversions Part 1

Format	Color
Hex	4B9E63
RGB	75, 158, 99
RGB Percent	29%, 62%, 39%
CMY	0.7059, 0.3804, 0.6118
CMYK	0.53, 0.00, 0.37, 0.38
HSL	137°, 36%, 46%
HSV	137°, 53%, 62%
XYZ	17.3806, 26.8504, 16.0710
YIQ	126.4570, -30.5290, -35.9450

Conversions

Conversions Part 2

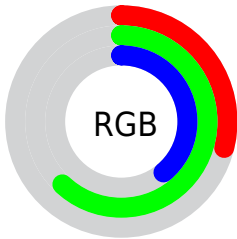
Format	Color
RYB	75, 139, 158
Decimal	4955747
CIELab	58.84, -38.77, 23.33
CIElCh	59, 45.247, 148.959
Yxy	26.8504, 0.2882, 0.4453
Android (android.graphics.Color)	4283145827 (0xFF4B9E63)
YUV	126.4570, -13.5363, -45.1278
Hunter-Lab	51.8174, -30.8078, 17.8836

Details

The Hex color **4B9E63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4B86**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **81D596**, and **0B6A33** is the 20% darker color. If you saturate the color by 10%, you get **3B9E58**, and if you desaturate by 10%, it is **5B9E6E**.

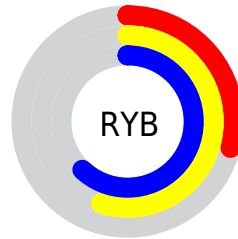
Distribution



Red (29%)

Green (62%)

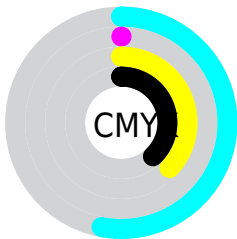
Blue (39%)



Red (29%)

Yellow (55%)

Blue (62%)

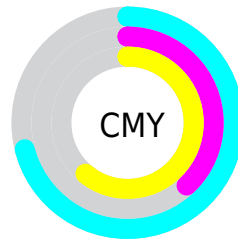


Cyan (53%)

Magenta (0%)

Yellow (37%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9E63 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 4B9E63 by changing the saturation by 10% instead.



4B9E63



4B9E63

FFFFFF



2F834B



81D596



0B6A33



9DF2B1



00511D



B9FFCD



003906



D6FFE9



002500



F3FFFF



000000



4B9E63



4B9E63



3B9E58



5B9E6E



2B9E4D



6B9E79

 1C9E41

 7A9E85

 0C9E36

 8A9E90

 009E2E

 9A9E9B

 AA9EA6

 BA9EB2

 C99EBD

 D99EC8

Harmonies

Analogous

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



7E9745



4B9E63



00A18B

Triad

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



4B9E63



3E92DD



D67069

Complementary

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



4B9E63



9E4B86

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.



D56C91



4B9E63



8E84D3

Square

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



4B9E63



009CD1



BD74B7



C57C4A

Rectangle

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



4B9E63



00A2A6



BD74B7



D86D76

Sweetspot

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



4B9E63



AECFB7



869E4B



55695A



E8E8E8



696969

Same Dimension

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



4B9E63



4CCF72



4B9E8C



474F49



008F29



000F04

Inverse Universe

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



9E4B86



CF4CA9



9E4B5D



4F474D



8F0066



0F000B

Previews

White Background



This preview shows how the Hex color 4B9E63 looks on a white background.

Color Contrast Check

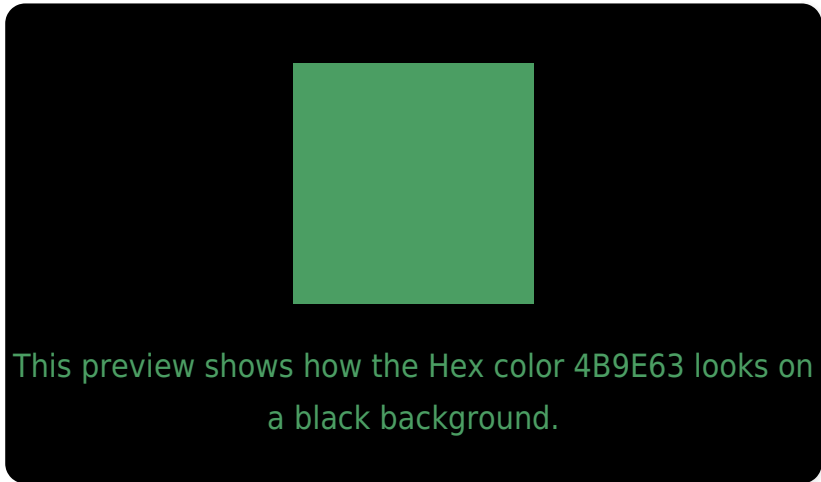
Large Text (above 18pt) WCAG AA ✓ Pass

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

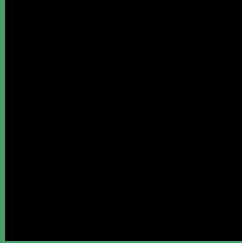
Any Text WCAG AA ✓ Pass

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 4B9E63 Background



This preview shows how black text looks on a background with the Hex color 4B9E63.



This preview shows how white text looks on a background with the Hex color 4B9E63.

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
5B96A2

Trichromacy



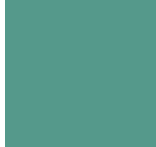
Original Color
4B9E63



Protanomaly
7D935F



Deuteranomaly
858F66



Tritanomaly
55998B

Monochromacy



Original Color
4B9E63



Achromatopsia
7E7E7E



Achromatomaly
6B8A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9E63 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 #4B9E63 looks like.

```
.text, #text, p{  
    color:#4B9E63  
}
```

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 #4B9E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9E63
}
```

Border

The CSS property to change the border of an element to Hex 4B9E63 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
#4B9E63 }
```

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

```
.border{ border-color:#4B9E63 }
```

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

Here you see how a box with a 4 pixel #4B9E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9E63; -webkit-box-shadow:4px 4px  
4px 4px #4B9E63; box-shadow:4px 4px 4px  
4px #4B9E63 }
```

Background

The CSS property to change the background color of an element to Hex 4B9E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9E63 }
```

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

```
.background{ background-color:#4B9E63 }
```

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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