

Converting Colors

Hex(4A9960)

Have a look what the booklet for
Hex(4A9960) contains.

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Color

Hex(4A9960)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 4A9960 |
| RGB | 74, 153, 96 |
| RGB Percent | 29%, 60%, 38% |
| CMY | 0.7098, 0.4000, 0.6235 |
| CMYK | 0.52, 0.00, 0.37, 0.40 |
| HSL | 137°, 35%, 45% |
| HSV | 137°, 52%, 60% |
| XYZ | 16.3266, 25.0828, 15.0473 |
| YIQ | 122.8810, -28.7870, -34.4750 |

Conversions

Conversions Part 2

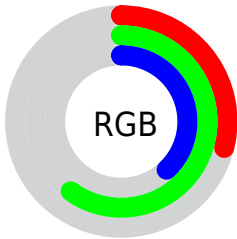
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 74, 136, 153 |
| Decimal | 4888928 |
| CIELab | 57.16, -37.38, 22.73 |
| CIElCh | 57, 43.752, 148.701 |
| Yxy | 25.0828, 0.2892, 0.4443 |
| Android (android.graphics.Color) | 4283079008 (0xFF4A9960) |
| YUV | 122.8810, -13.2523, -42.8686 |
| Hunter-Lab | 50.0828, -29.4552, 17.2443 |

Details

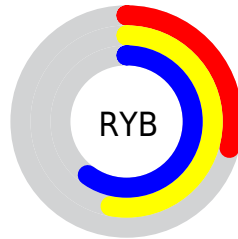
The Hex color **4A9960** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **994A83**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **80D093**, and **0C6531** is the 20% darker color. If you saturate the color by 10%, you get **3B9955**, and if you desaturate by 10%, it is **59996B**.

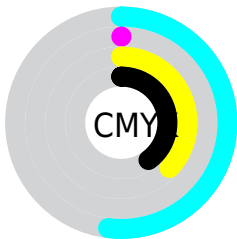
Distribution



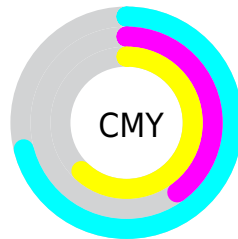
- Red (29%)
- Green (60%)
- Blue (38%)



- Red (29%)
- Yellow (53%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9960 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 4A9960 by changing the saturation by 10% instead.



4A9960



4A9960

FFFFFF



2E7F48



80D093



0C6531



9BECAE



004C1B



B7FFC9



003503



D4FFE6



002100



F1FFFF



000000



4A9960



4A9960



3B9955



59996B



2B994A



699976

■ 1C993F

■ 789981

■ 0D9934

■ 87998C

■ 00992B

■ 979997

■ A699A2

■ B599AD

■ C499B8

■ D499C3

Harmonies

Analogous

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



7B9243



4A9960



009C86

Triad

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



4A9960



3D8ED5



CF6C67

Complementary

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



4A9960



994A83

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.



CE698C



4A9960



8980CC

Square

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



4A9960



0097CA



B771B1



BF7949

Rectangle

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



4A9960



009CA0



B771B1



D16A73

Sweetspot

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



4A9960



A9C7B1



84994A



526357



E3E3E3



636363

Same Dimension

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



4A9960



4CC76E



4A9987



454D47



008C27



000D04

Inverse Universe

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



994A83



C74CA5



994A5C



4D454A



8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 4A9960 looks on a white background.

Color Contrast Check

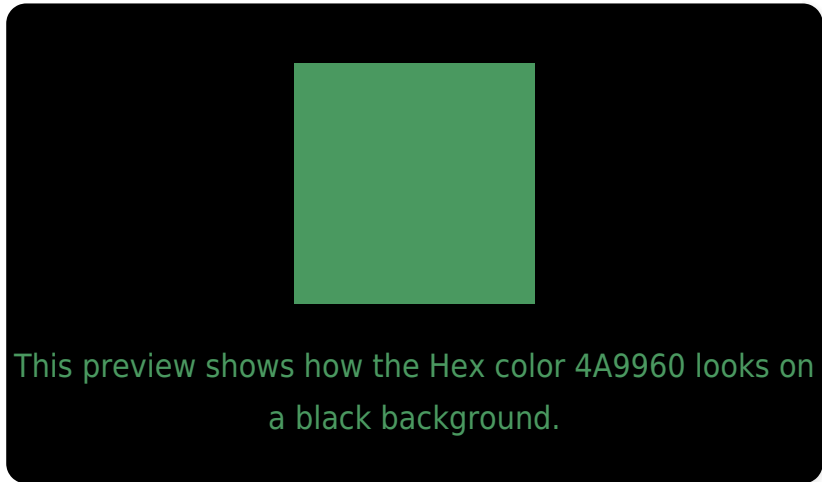
Large Text (above 18pt) WCAG AA ✓ Pass

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

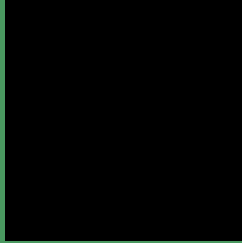
Any Text WCAG AA ✓ Pass

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 4A9960 Background



This preview shows how black text looks on a background with the Hex color 4A9960.




This preview shows how white text looks on a background with the Hex color 4A9960.

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](#).

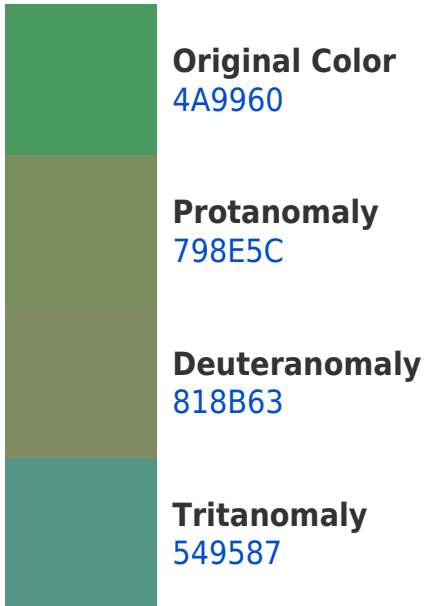
Dichromacy





Tritanopia
59929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9960 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 #4A9960 looks like.

```
.text, #text, p{  
    color:#4A9960  
}
```

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 #4A9960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9960
}
```

Border

The CSS property to change the border of an element to Hex 4A9960 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
#4A9960 }
```

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

```
.border{ border-color:#4A9960 }
```

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

Here you see how a box with a 4 pixel #4A9960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9960; -webkit-box-shadow:4px 4px  
4px 4px #4A9960; box-shadow:4px 4px 4px  
4px #4A9960 }
```

Background

The CSS property to change the background color of an element to Hex 4A9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9960 }
```

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

```
.background{ background-color:#4A9960 }
```

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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