

Converting Colors

Hex(49994B)

Have a look what the booklet for
Hex(49994B) contains.

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Color

Hex(49994B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49994B |
| RGB | 73, 153, 75 |
| RGB Percent | 29%, 60%, 29% |
| CMY | 0.7137, 0.4000, 0.7059 |
| CMYK | 0.52, 0.00, 0.51, 0.40 |
| HSL | 122°, 35%, 44% |
| HSV | 122°, 52%, 60% |
| XYZ | 15.4089, 24.7069, 10.6134 |
| YIQ | 120.1880, -22.6420, -41.2180 |

Conversions

Conversions Part 2

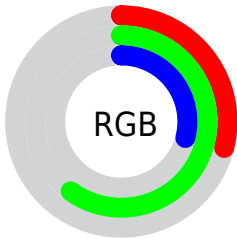
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 73, 151, 153 |
| Decimal | 4823371 |
| CIELab | 56.79, -41.11, 33.45 |
| CIElCh | 57, 53.002, 140.862 |
| Yxy | 24.7069, 0.3037, 0.4870 |
| Android (android.graphics.Color) | 4283013451 (0xFF49994B) |
| YUV | 120.1880, -22.2777, -41.3839 |
| Hunter-Lab | 49.7061, -31.6506, 22.1345 |

Details

The Hex color **49994B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **994997**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **80D07D**, and **06651B** is the 20% darker color. If you saturate the color by 10%, you get **3A993C**, and if you desaturate by 10%, it is **58995A**.

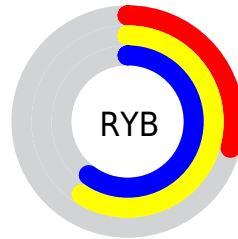
Distribution



Red (29%)

Green (60%)

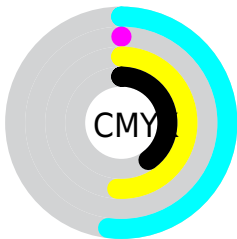
Blue (29%)



Red (29%)

Yellow (59%)

Blue (60%)

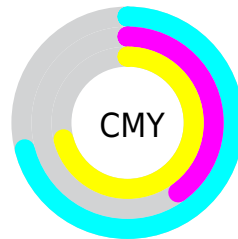


Cyan (52%)

Magenta (0%)

Yellow (51%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49994B 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 49994B by changing the saturation by 10% instead.



49994B



49994B

FFFFFF



2D7F33



80D07D



06651B



9BED98



004C01



B7FFB3



003500



D4FFCF



002000



F1FFE8



000000



49994B



49994B



3A993C



58995A



2A992D



689969

■ 1B991E

■ 779978

■ 0C990F

■ 869987

■ 009904

■ 959996

■ A599A5

■ B499B3

■ C399C2

■ D399D1

Harmonies

Analogous

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



82902A



49994B



009E78

Triad

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



49994B



0092E3



DC606A

Complementary

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



49994B



994997

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.



D55F98



49994B



7082DF

Square

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



49994B



009BCF



B36EC3



CD6F42

Rectangle

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



49994B



009F98



B36EC3



DD5E79

Sweetspot

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



49994B



A7C7A8



989949



516351



E3E3E3



636363

Same Dimension

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



49994B



4AC74D



499972



454D45



008C04



000D00

Inverse Universe

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



994997



C74AC4



994970



4D454C



8C0089



0D000C

Previews

White Background



This preview shows how the Hex color 49994B looks on a white background.

Color Contrast Check

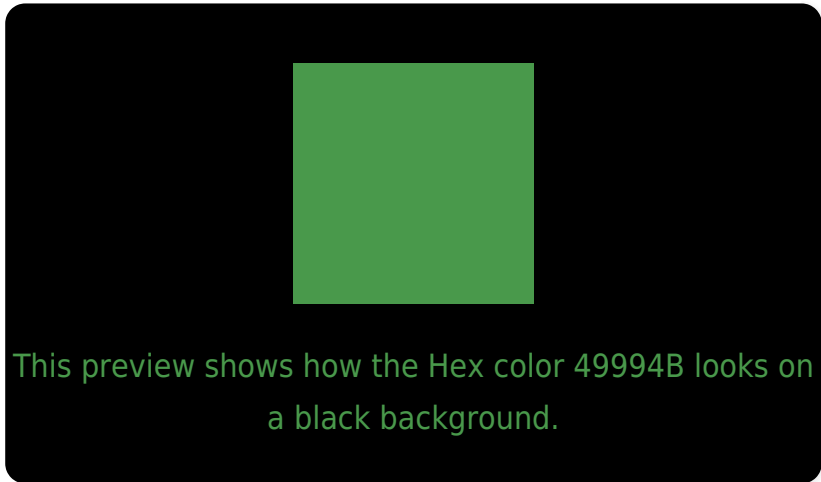
Large Text (above 18pt) WCAG AA ✓ Pass

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 49994B Background



This preview shows how black text looks on a background with the Hex color 49994B.



This preview shows how white text looks on a background with the Hex color 49994B.

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](#).

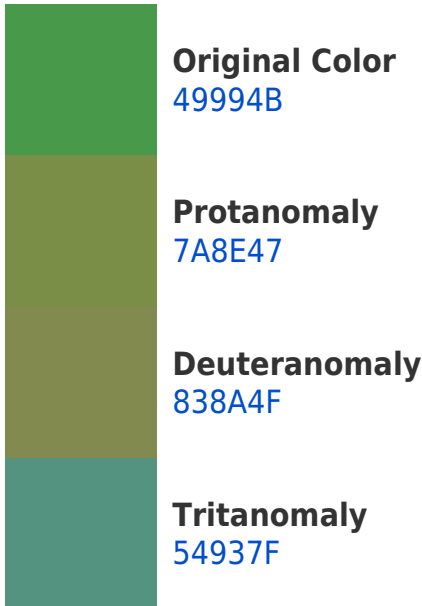
Dichromacy



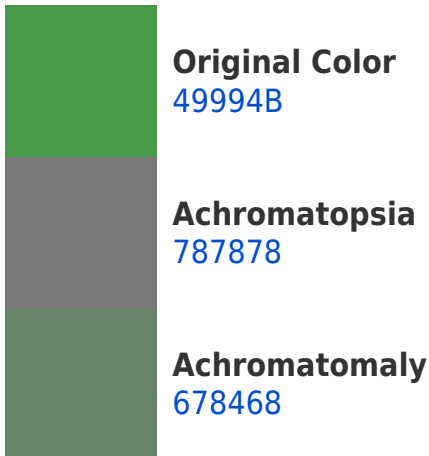


Tritanopia
5B909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49994B 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 #49994B looks like.

```
.text, #text, p{  
    color:#49994B  
}
```

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 #49994B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49994B
}
```

Border

The CSS property to change the border of an element to Hex 49994B 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
#49994B }
```

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

```
.border{ border-color:#49994B }
```

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

Here you see how a box with a 4 pixel #49994B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49994B; -webkit-box-shadow:4px 4px  
4px 4px #49994B; box-shadow:4px 4px 4px  
4px #49994B }
```

Background

The CSS property to change the background color of an element to Hex 49994B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49994B }
```

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

```
.background{ background-color:#49994B }
```

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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