

Converting Colors

Hex(5A994A)

Have a look what the booklet for
Hex(5A994A) contains.

Hex(5A994A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A994A)

Conversions

Conversions Part 1

Format	Color
Hex	5A994A
RGB	90, 153, 74
RGB Percent	35%, 60%, 29%
CMY	0.6471, 0.4000, 0.7098
CMYK	0.41, 0.00, 0.52, 0.40
HSL	108°, 35%, 45%
HSV	108°, 52%, 60%
XYZ	16.8437, 25.4505, 10.5033
YIQ	125.1570, -12.1890, -37.9250

Conversions

Conversions Part 2

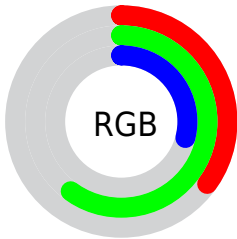
Format	Color
RYB	74, 153, 137
Decimal	5937482
CIELab	57.51, -36.01, 35.02
CIELCh	58, 50.234, 135.802
Yxy	25.4505, 0.3190, 0.4820
Android (android.graphics.Color)	4284127562 (0xFF5A994A)
YUV	125.1570, -25.2204, -30.8327
Hunter-Lab	50.4485, -28.6875, 22.9699

Details

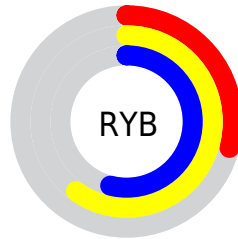
The Hex color **5A994A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **894A99**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **90D07C**, and **24651A** is the 20% darker color. If you saturate the color by 10%, you get **4E993B**, and if you desaturate by 10%, it is **669959**.

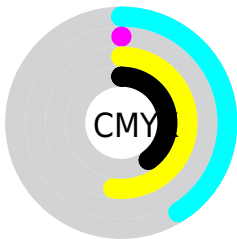
Distribution



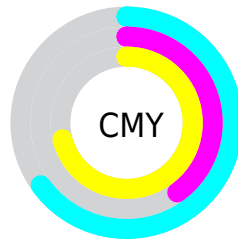
- Red (35%)
- Green (60%)
- Blue (29%)



- Red (29%)
- Yellow (60%)
- Blue (54%)



- Cyan (41%)
- Magenta (0%)
- Yellow (52%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A994A 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 5A994A by changing the saturation by 10% instead.



5A994A



5A994A

FFFFFF



407F32



90D07C



24651A



ABEC97



014D00



C7FFB2



003500



E4FFCE



002100



FFFFEA



000000



5A994A



5A994A



4E993B



669959



42992B



729969

 35991C

 7F9978

 29990D

 8B9987

 1F9900

 979997

 A399A6

 AF99B5

 BC99C4

 C899D4

Harmonies

Analogous

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



8C8F30



5A994A



009E73

Triad

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



5A994A



0095DF



DB6475

Complementary

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



5A994A



894A99

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.



D066A1



5A994A



6787DF

Square

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



5A994A



009DC8



AA75C8



D0704D

Rectangle

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



5A994A



00A092



AA75C8



DA6383

Sweetspot

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



5A994A



AFC7A9



99884A



556352



E3E3E3



636363

Same Dimension

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



5A994A



65C74C



4A9960



464D45



1C8C00



030D00

Inverse Universe

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



894A99



AE4CC7



994A83



4B454D



70008C



0A000D

Previews

White Background



This preview shows how the Hex color 5A994A looks on a white background.

Color Contrast Check

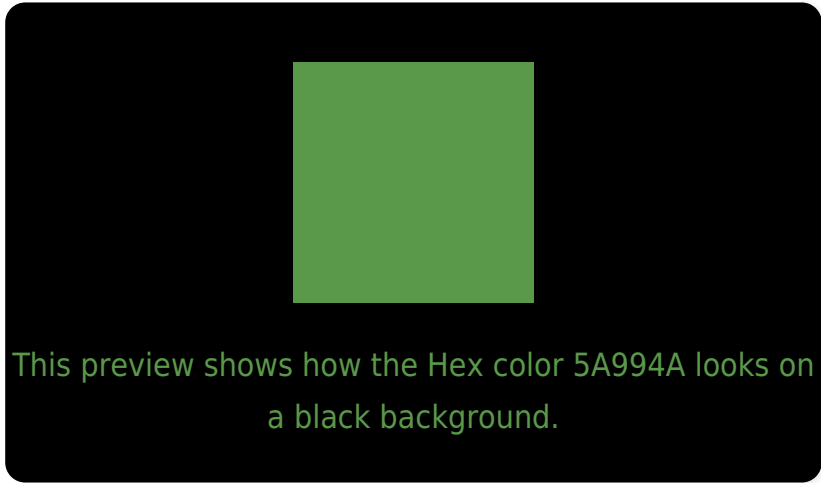
Large Text (above 18pt) WCAG AA ✓ Pass

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

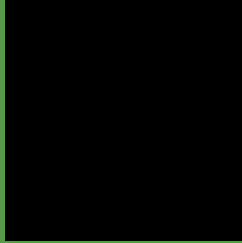
Any Text WCAG AA ✓ Pass

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 5A994A Background



This preview shows how black text looks on a background with the Hex color 5A994A.



This preview shows how white text looks on a background with the Hex color 5A994A.

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



Original Color
5A994A

Protanopia
988A45

Deuteranopia
A78350



Tritanopia
69909C

Trichromacy



Original Color
5A994A

Protanomaly
818F47

Deuteranomaly
8B8B4E

Tritanomaly
64937E

Monochromacy



Original Color
5A994A

Achromatopsia
7D7D7D

Achromatomaly
70876A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A994A 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 #5A994A looks like.

```
.text, #text, p{  
    color:#5A994A  
}
```

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 #5A994A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A994A
}
```

Border

The CSS property to change the border of an element to Hex 5A994A 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
#5A994A }
```

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

```
.border{ border-color:#5A994A }
```

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

Here you see how a box with a 4 pixel #5A994A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A994A; -webkit-box-shadow:4px 4px  
4px 4px #5A994A; box-shadow:4px 4px 4px  
4px #5A994A }
```

Background

The CSS property to change the background color of an element to Hex 5A994A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A994A }
```

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

```
.background{ background-color:#5A994A }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor