

Converting Colors

Hex(5CA971)

Have a look what the booklet for
Hex(5CA971) contains.

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Color

Hex(5CA971)

Conversions

Conversions Part 1

Format	Color
Hex	5CA971
RGB	92, 169, 113
RGB Percent	36%, 66%, 44%
CMY	0.6392, 0.3373, 0.5569
CMYK	0.46, 0.00, 0.33, 0.34
HSL	136°, 31%, 51%
HSV	136°, 46%, 66%
XYZ	21.5822, 31.8435, 20.6317
YIQ	139.5930, -27.9160, -33.7400

Conversions

Conversions Part 2

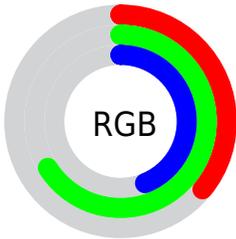
Format	Color
RYB	92, 153, 169
Decimal	6072689
CIELab	63.21, -36.40, 21.70
CIELCh	63, 42.376, 149.196
Yxy	31.8435, 0.2914, 0.4300
Android (android.graphics.Color)	4284262769 (0xFF5CA971)
YUV	139.5930, -13.1103, -41.7391
Hunter-Lab	56.4300, -30.4835, 17.8237

Details

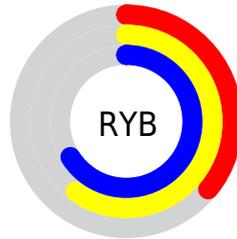
The Hex color **5CA971** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95C94**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **92E1A5**, and **257440** is the 20% darker color. If you saturate the color by 10%, you get **4BA965**, and if you desaturate by 10%, it is **6DA97D**.

Distribution



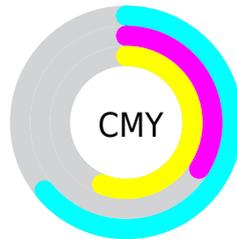
- Red (36%)
- Green (66%)
- Blue (44%)



- Red (36%)
- Yellow (60%)
- Blue (66%)



- Cyan (46%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA971 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 5CA971 by changing the saturation by 10% instead.

 5CA971

 5CA971

FFFFFF

 418E58

 92E1A5

 257440

 AEFEC0

 005B2A

 CAFFDC

 004314

 E7FFF9

 002C00

 001300

 000000

 5CA971

 5CA971

 4BA965

 6DA97D

 3AA958

 7EA98A

 29A94C

 8FA996

 18A940

 A0A9A2

 07A934

 B0A9AE

 00A92E

 C1A9BB

 D2A9C7

 E3A9D3

 F4A9E0

Harmonies

Analogous

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



8BA255



5CA971



00AC97

Triad

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



5CA971



589DE4



DF7D76

Complementary

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



5CA971



A95C94

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.



DE7A9C



5CA971



9B90DB

Square

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



5CA971



00A7D9



C782C0



CF8959

Rectangle

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



5CA971



00ACB1



C782C0



E17B82

Sweetspot

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



5CA971



BDDBC5



94A95C



5B6E60



EDEDED



6E6E6E

Same Dimension

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



5CA971



63DB84



5CA997



4C544E



009428



001406

Inverse Universe

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



A95C94



DB63BA



A95C6E



544C52



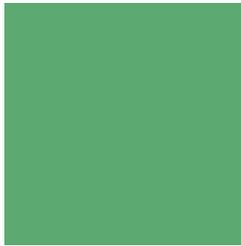
94006C



14000F

Previews

White Background



This preview shows how the Hex color 5CA971 looks on a white background.

Color Contrast Check

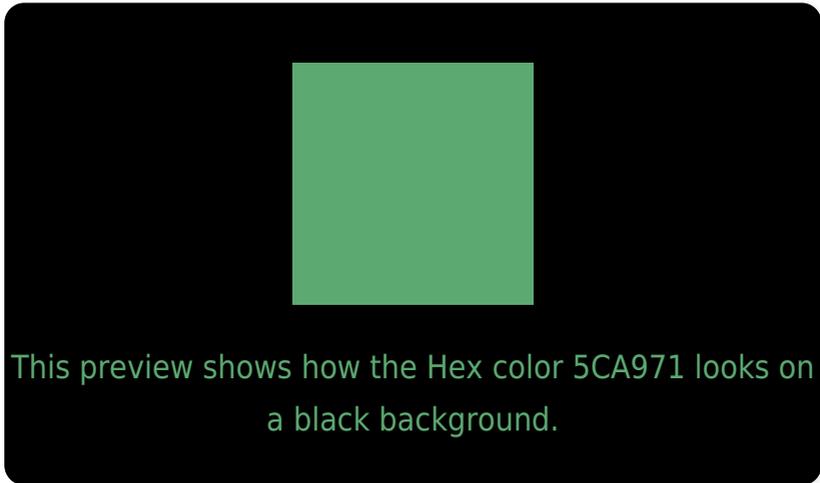
Large Text (above 18pt) WCAG AA × Fail

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

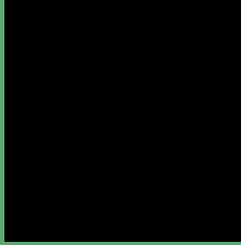
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5CA971 Background



This preview shows how black text looks on a background with the Hex color 5CA971.

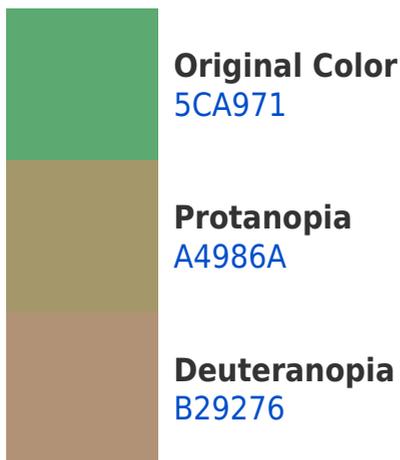


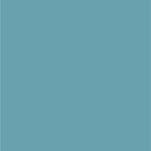
This preview shows how white text looks on a background with the Hex color 5CA971.

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](#).

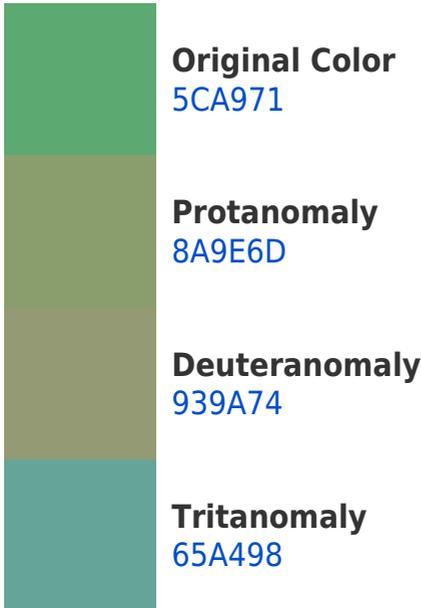
Dichromacy



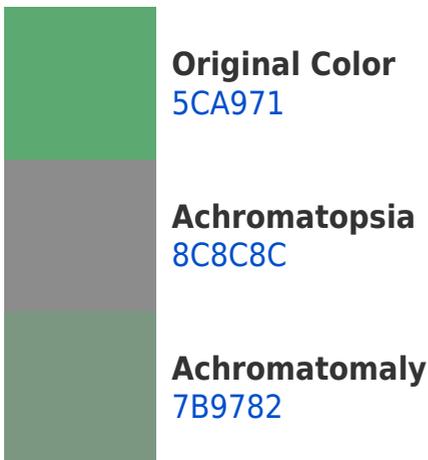


Tritanopia
6AA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA971 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 #5CA971 looks like.

```
.text, #text, p{  
    color:#5CA971  
}
```

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 #5CA971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA971
}
```

Border

The CSS property to change the border of an element to Hex 5CA971 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
#5CA971 }
```

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

```
.border{ border-color:#5CA971 }
```

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

Here you see how a box with a 4 pixel #5CA971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA971; -webkit-box-shadow:4px 4px  
4px 4px #5CA971; box-shadow:4px 4px 4px  
4px #5CA971 }
```

Background

The CSS property to change the background color of an element to Hex 5CA971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA971 }
```

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

```
.background{ background-color:#5CA971 }
```

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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