

Converting Colors

Hex(5EAC81)

Have a look what the booklet for
Hex(5EAC81) contains.

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Color

Hex(5EAC81)

Conversions

Conversions Part 1

Format	Color
Hex	5EAC81
RGB	94, 172, 129
RGB Percent	37%, 67%, 51%
CMY	0.6314, 0.3255, 0.4941
CMYK	0.45, 0.00, 0.25, 0.33
HSL	147°, 32%, 52%
HSV	147°, 45%, 67%
XYZ	23.3311, 33.4697, 25.9995
YIQ	143.7760, -32.6850, -29.9090

Conversions

Conversions Part 2

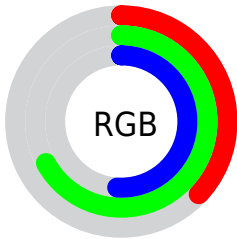
Format	Color
RYB	94, 148, 172
Decimal	6204545
CIELab	64.54, -34.09, 14.78
CIELCh	65, 37.154, 156.556
Yxy	33.4697, 0.2818, 0.4042
Android (android.graphics.Color)	4284394625 (0xFF5EAC81)
YUV	143.7760, -7.2846, -43.6536
Hunter-Lab	57.8530, -29.2570, 13.8518

Details

The Hex color **5EAC81** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC5E89**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **94E4B6**, and **277750** is the 20% darker color. If you saturate the color by 10%, you get **4DAC78**, and if you desaturate by 10%, it is **6FAC8A**.

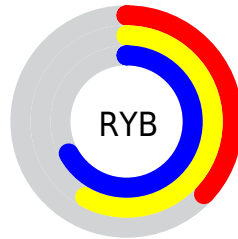
Distribution



Red (37%)

Green (67%)

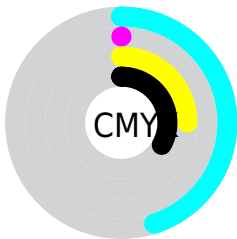
Blue (51%)



Red (37%)

Yellow (58%)

Blue (67%)

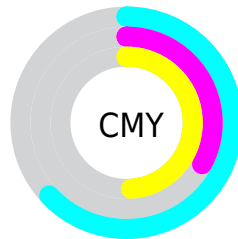


Cyan (45%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAC81 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 5EAC81 by changing the saturation by 10% instead.

 5EAC81

 5EAC81

FFFFFF

 439168

 94E4B6

 277750

 B0FFD2

 005E39

 CCFEE

 004623

 E9FFF

 002E0E

 001900

 000000

 5EAC81

 5EAC81

 4DAC78

 6FAC8A

 3CAC6E

 80AC94

 2AAC65

 92AC9D

 19AC5B

 A3ACA7

 08AC52

 B4ACB0

 00AC4D

 C5ACBA

 D6ACC3

 E8ACCD

 F9ACD6

Harmonies

Analogous

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



87A666



5EAC81



29AEA3

Triad

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



5EAC81



779DDE



DA8777

Complementary

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



5EAC81



AC5E89

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.



DC8296



5EAC81



AA91D2

Square

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



5EAC81



38A7D9



CC86B8



C89160

Rectangle

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



5EAC81



00AEB9



CC86B8



DC8581

Sweetspot

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



5EAC81



C1E0CF



8AAC5E



5D7066



F0F0F0



707070

Same Dimension

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



5EAC81



67E09E



5EACA7



4E5752



009644



00170A

Inverse Universe

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



AC5E89



E067AA



AC5E63



574E53



960053



17000D

Previews

White Background



This preview shows how the Hex color 5EAC81 looks on a white background.

Color Contrast Check

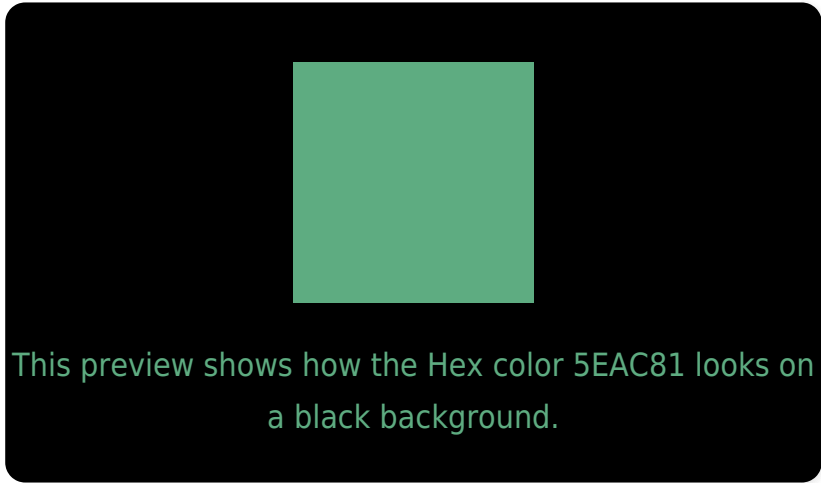
Large Text (above 18pt) WCAG AA × Fail

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

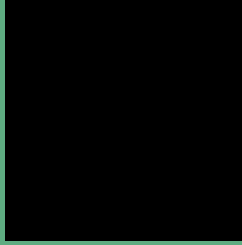
Any Text WCAG AA ✓ Pass

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 5EAC81 Background



This preview shows how black text looks on a background with the Hex color 5EAC81.

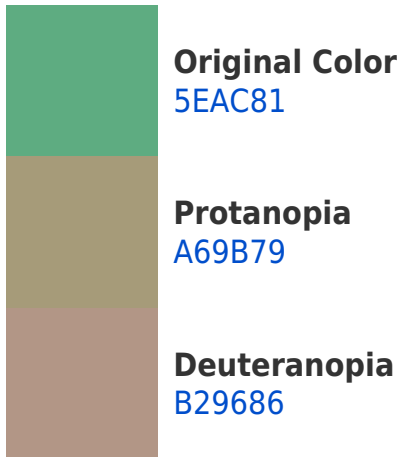


This preview shows how white text looks on a background with the Hex color 5EAC81.

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](#).

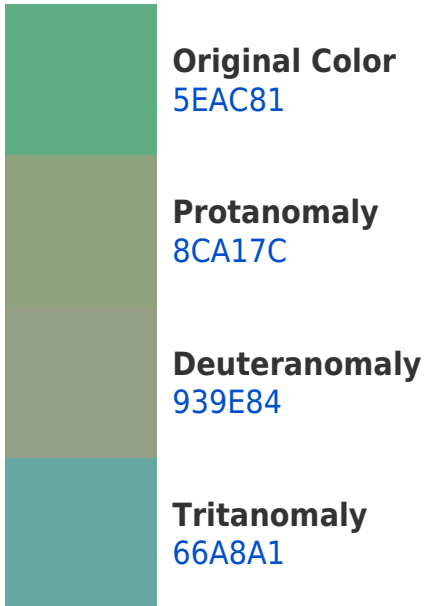
Dichromacy



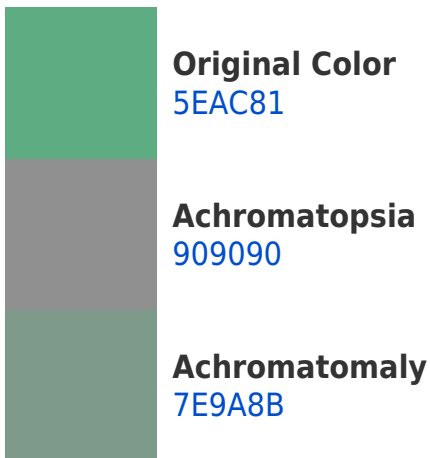


Tritanopia
6AA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAC81 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 #5EAC81 looks like.

```
.text, #text, p{  
    color:#5EAC81  
}
```

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 #5EAC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAC81
}
```

Border

The CSS property to change the border of an element to Hex 5EAC81 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
#5EAC81 }
```

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

```
.border{ border-color:#5EAC81 }
```

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

Here you see how a box with a 4 pixel #5EAC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAC81; -webkit-box-shadow:4px 4px  
4px 4px #5EAC81; box-shadow:4px 4px 4px  
4px #5EAC81 }
```

Background

The CSS property to change the background color of an element to Hex 5EAC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAC81 }
```

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

```
.background{ background-color:#5EAC81 }
```

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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