

Converting Colors

Hex(5EAA78)

Have a look what the booklet for
Hex(5EAA78) contains.

Hex(5EAA78)	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(5EAA78)

Conversions

Conversions Part 1

Format	Color
Hex	5EAA78
RGB	94, 170, 120
RGB Percent	37%, 67%, 47%
CMY	0.6314, 0.3333, 0.5294
CMYK	0.45, 0.00, 0.29, 0.33
HSL	141°, 31%, 52%
HSV	141°, 45%, 67%
XYZ	22.3810, 32.4852, 22.8600
YIQ	141.5760, -29.2460, -31.6620

Conversions

Conversions Part 2

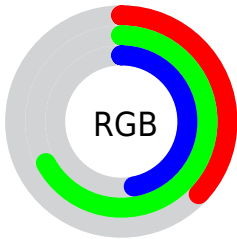
Format	Color
RYB	94, 151, 170
Decimal	6204024
CIELab	63.74, -34.96, 18.62
CIELCh	64, 39.606, 151.962
Yxy	32.4852, 0.2879, 0.4179
Android (android.graphics.Color)	4284394104 (0xFF5EAA78)
YUV	141.5760, -10.6370, -41.7242
Hunter-Lab	56.9958, -29.6496, 16.1169

Details

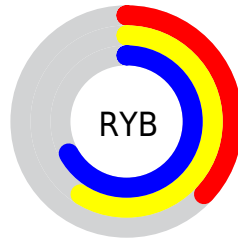
The Hex color **5EAA78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA5E90**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94E2AD**, and **287547** is the 20% darker color. If you saturate the color by 10%, you get **4DAA6D**, and if you desaturate by 10%, it is **6FAA83**.

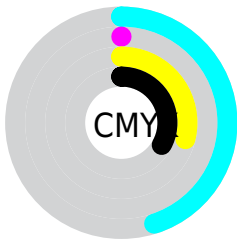
Distribution



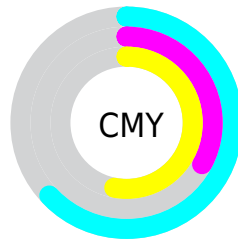
- Red (37%)
- Green (67%)
- Blue (47%)



- Red (37%)
- Yellow (59%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAA78 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 5EAA78 by changing the saturation by 10% instead.



5EAA78



5EAA78

FFFFFF



438F5F



94E2AD



287547



B0FFC8



025C30



CCFFE4



00441B



E9FFFF



002D02



001600



000000



5EAA78



5EAA78



4DAA6D



6FAA83

■ 3CAA62

■ 80AA8E

■ 2BAA56

■ 91AA9A

■ 1AAA4B

■ A2AAA5

■ 09AA40

■ B3AAB0

■ 00AA3A

■ C4AABB

■ D5AAC6

■ E6AAD1

■ F7AADD

Harmonies

Analogous

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



8AA35D



5EAA78



1DAD9C

Triad

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



5EAA78



679DE1



DC8277

Complementary

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



5EAA78



AA5E90

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.



DC7E99



5EAA78



A190D6

Square

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



5EAA78



00A7D8



C884BC



CB8D5D

Rectangle

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



5EAA78



00ADB4



C884BC



DE8082

Sweetspot

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



5EAA78



C1DECB



91AA5E



5E7064



F0F0F0



707070

Same Dimension

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



5EAA78



66DE8F



5EAA9D



4C544F



009433



001407

Inverse Universe

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



AA5E90



DE66B5



AA5E6B



544C51



940061



14000D

Previews

White Background



This preview shows how the Hex color 5EAA78 looks on a white background.

Color Contrast Check

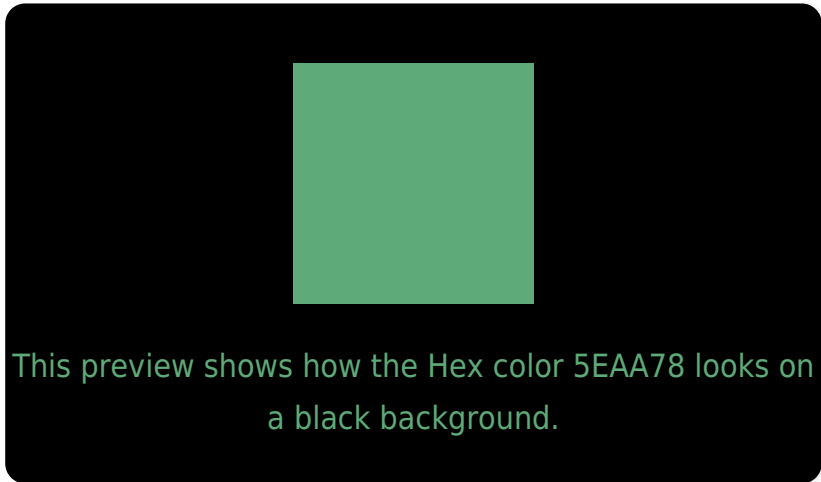
Large Text (above 18pt) WCAG AA × Fail

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

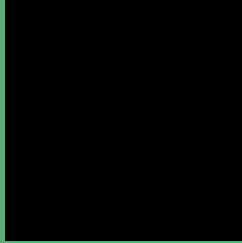
Any Text WCAG AA ✓ Pass

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 5EAA78 Background



This preview shows how black text looks on a background with the Hex color 5EAA78.

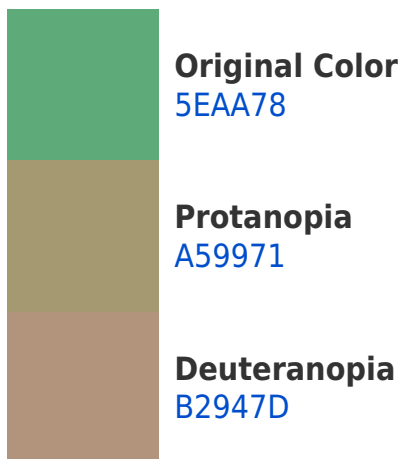


This preview shows how white text looks on a background with the Hex color 5EAA78.

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](#).

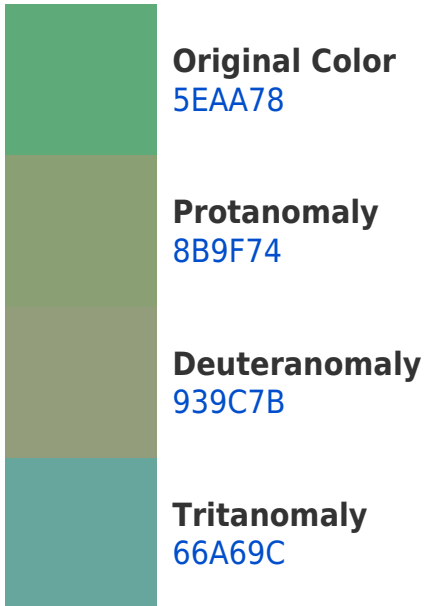
Dichromacy





Tritanopia
6BA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAA78 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 #5EAA78 looks like.

```
.text, #text, p{  
    color:#5EAA78  
}
```

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 #5EAA78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAA78  
}
```

Border

The CSS property to change the border of an element to Hex 5EAA78 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  
#5EAA78 }
```

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

```
.border{ border-color:#5EAA78 }
```

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

Here you see how a box with a 4 pixel #5EAA78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAA78; -webkit-box-shadow:4px 4px  
4px 4px #5EAA78; box-shadow:4px 4px 4px  
4px #5EAA78 }
```

Background

The CSS property to change the background color of an element to Hex 5EAA78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAA78 }
```

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

```
.background{ background-color:#5EAA78 }
```

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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