

Converting Colors

Hex(5EAA88)

Have a look what the booklet for
Hex(5EAA88) contains.

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Color

Hex(5EAA88)

Conversions

Conversions Part 1

Format	Color
Hex	5EAA88
RGB	94, 170, 136
RGB Percent	37%, 67%, 53%
CMY	0.6314, 0.3333, 0.4667
CMYK	0.45, 0.00, 0.20, 0.33
HSL	153°, 31%, 52%
HSV	153°, 45%, 67%
XYZ	23.4348, 32.9067, 28.4090
YIQ	143.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

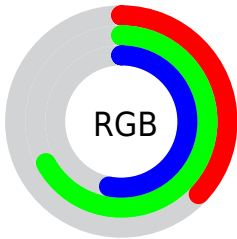
Format	Color
RYB	94, 143, 170
Decimal	6204040
CIELab	64.09, -31.67, 10.28
CIELCh	64, 33.293, 162.017
Yxy	32.9067, 0.2765, 0.3883
Android (android.graphics.Color)	4284394120 (0xFF5EAA88)
YUV	143.4000, -3.6482, -43.3238
Hunter-Lab	57.3644, -27.4660, 10.7924

Details

The Hex color **5EAA88** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA5E80**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **94E2BD**, and **277556** is the 20% darker color. If you saturate the color by 10%, you get **4DAA80**, and if you desaturate by 10%, it is **6FAA90**.

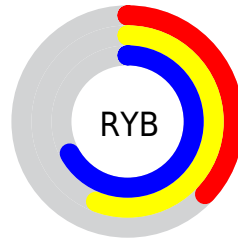
Distribution



Red (37%)

Green (67%)

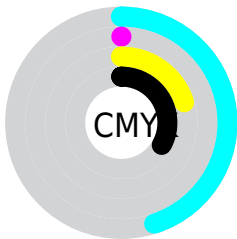
Blue (53%)



Red (37%)

Yellow (56%)

Blue (67%)

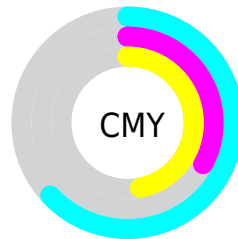


Cyan (45%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAA88 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 5EAA88 by changing the saturation by 10% instead.

■ 5EAA88

■ 5EAA88

FFFFFF

■ 438F6F

■ 94E2BD

■ 277556

■ B0FFD9

■ 015C3F

■ CCFFF6

■ 004429

■ E9FFFF

■ 002D14

■ 001700

■ 000000

■ 5EAA88

■ 5EAA88

■ 4DAA80

■ 6FAA90

 3CAA79

 80AA97

 2BAA71

 91AA9F

 1AAA6A

 A2AAA6

 09AA62

 B3AAAE

 00AA5E

 C4AAB6

 D5AABD

 E6AAC5

 F7AACC

Harmonies

Analogous

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



82A56E



5EAA88



38ABA7

Triad

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



5EAA88



859AD5



D18A75

Complementary

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



5EAA88



AA5E80

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.



D68590



5EAA88



AE8FC8

Square

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



5EAA88



54A3D3



CA87AE



BF9363

Rectangle

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



5EAA88



29AABA



CA87AE



D4877D

Sweetspot

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



5EAA88



C1DED1



80AA5E



5E7068



F0F0F0



707070

Same Dimension

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



5EAA88



66DEA8



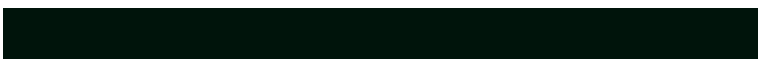
5EA6AA



4C5450



009452



00140B

Inverse Universe

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



AA5E80



DE669C



AA625E



544C4F



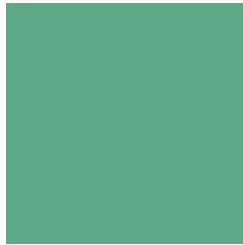
940042



140009

Previews

White Background



This preview shows how the Hex color 5EAA88 looks on a white background.

Color Contrast Check

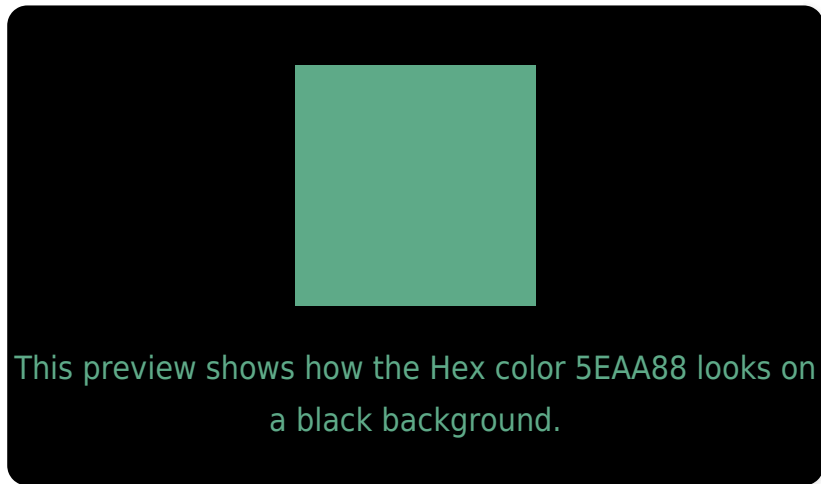
Large Text (above 18pt) WCAG AA × Fail

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

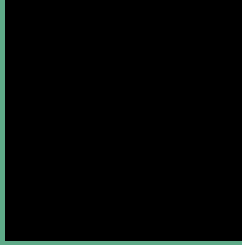
Any Text WCAG AA ✓ Pass

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 5EAA88 Background



This preview shows how black text looks on a background with the Hex color 5EAA88.

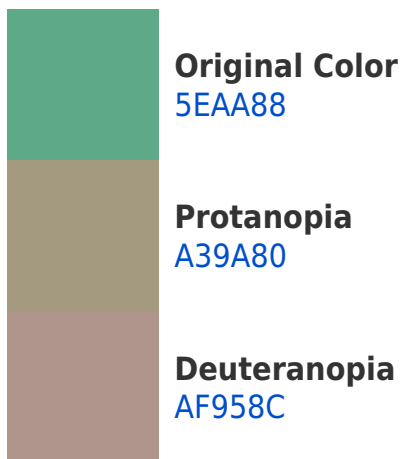


This preview shows how white text looks on a background with the Hex color 5EAA88.

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](#).

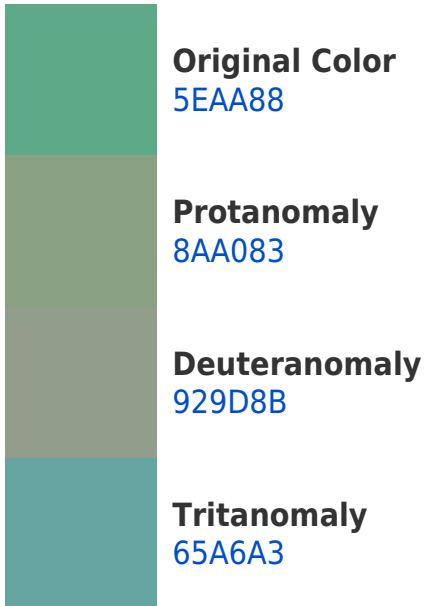
Dichromacy





Tritanopia
69A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAA88 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 #5EAA88 looks like.

```
.text, #text, p{  
    color:#5EAA88  
}
```

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 #5EAA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAA88
}
```

Border

The CSS property to change the border of an element to Hex 5EAA88 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
#5EAA88 }
```

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

```
.border{ border-color:#5EAA88 }
```

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

Here you see how a box with a 4 pixel #5EAA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAA88; -webkit-box-shadow:4px 4px  
4px 4px #5EAA88; box-shadow:4px 4px 4px  
4px #5EAA88 }
```

Background

The CSS property to change the background color of an element to Hex 5EAA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAA88 }
```

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

```
.background{ background-color:#5EAA88 }
```

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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