

Converting Colors

Hex(5EAA6C)

Have a look what the booklet for
Hex(5EAA6C) contains.

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Color

Hex(5EAA6C)

Conversions

Conversions Part 1

Format	Color
Hex	5EAA6C
RGB	94, 170, 108
RGB Percent	37%, 67%, 42%
CMY	0.6314, 0.3333, 0.5765
CMYK	0.45, 0.00, 0.36, 0.33
HSL	131°, 31%, 52%
HSV	131°, 45%, 67%
XYZ	21.6976, 32.2118, 19.2613
YIQ	140.2080, -25.3940, -35.3940

Conversions

Conversions Part 2

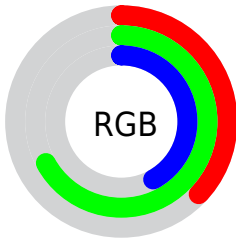
Format	Color
RYB	94, 158, 170
Decimal	6204012
CIELab	63.52, -37.17, 24.83
CIElCh	64, 44.696, 146.257
Yxy	32.2118, 0.2965, 0.4402
Android (android.graphics.Color)	4284394092 (0xFF5EAA6C)
YUV	140.2080, -15.8785, -40.5244
Hunter-Lab	56.7555, -31.0816, 19.6074

Details

The Hex color **5EAA6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5E9C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **94E2A0**, and **27753C** is the 20% darker color. If you saturate the color by 10%, you get **4DAA5E**, and if you desaturate by 10%, it is **6FAA7A**.

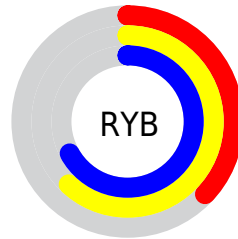
Distribution



Red (37%)

Green (67%)

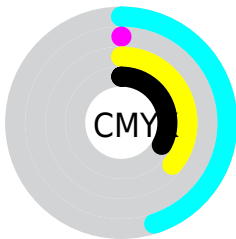
Blue (42%)



Red (37%)

Yellow (62%)

Blue (67%)

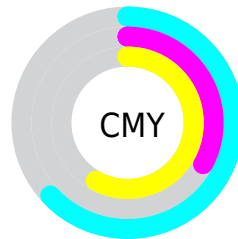


Cyan (45%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAA6C 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 5EAA6C by changing the saturation by 10% instead.

 5EAA6C

 5EAA6C


FFFFFF

 438F53

 94E2A0

 27753C

 B0FFBB

 015C25

 CCFFD7

 00440F

 E9FFF4

 002D00

 001500

 000000

 5EAA6C

 5EAA6C

 4DAA5E

 6FAA7A

 3CAA50

 80AA88

 2BAA42

 91AA96

 1AAA35

 A2AAA3

 09AA27

 B3AAB1

 00AA1F

 C4AABF

 D5AACD

 E6AADB

 F7AAE9

Harmonies

Analogous

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



8FA250



5EAA6C



00AE93

Triad

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



5EAA6C



489FE9



E47C79

Complementary

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



5EAA6C



AA5E9C

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.



E179A0



5EAA6C



9591E1

Square

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



5EAA6C



00A9DB



C682C7



D48759

Rectangle

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



5EAA6C



00AEAF



C682C7



E57986

Sweetspot

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



5EAA6C



C1DEC6



9CAA5E



5E7062



F0F0F0



707070

Same Dimension

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



5EAA6C



66DE7C



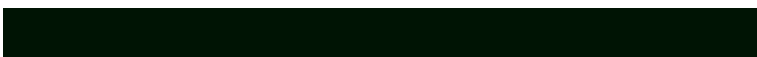
5EAA92



4C544D



00941B



001404

Inverse Universe

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



AA5E9C



DE66C8



AA5E76



544C53



940079



140011

Previews

White Background



This preview shows how the Hex color 5EAA6C looks on a white background.

Color Contrast Check

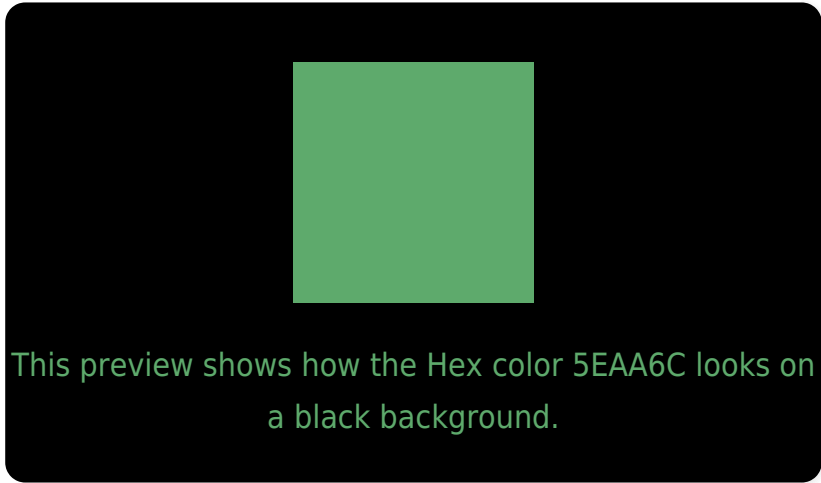
Large Text (above 18pt) WCAG AA × Fail

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

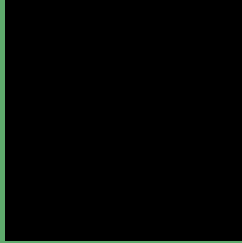
Any Text WCAG AA ✓ Pass

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 5EAA6C Background



This preview shows how black text looks on a background with the Hex color 5EAA6C.



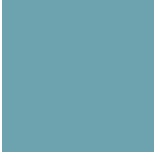
This preview shows how white text looks on a background with the Hex color 5EAA6C.

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](#).

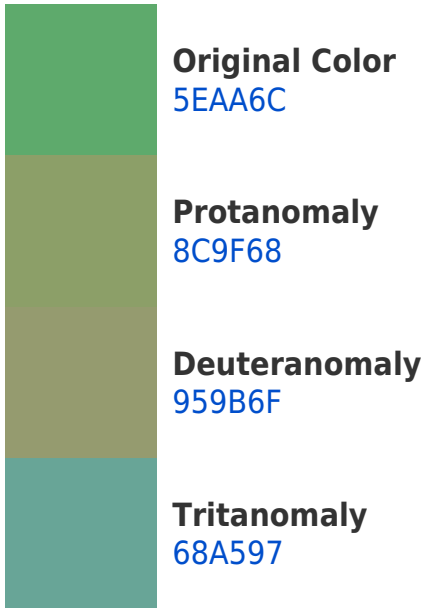
Dichromacy



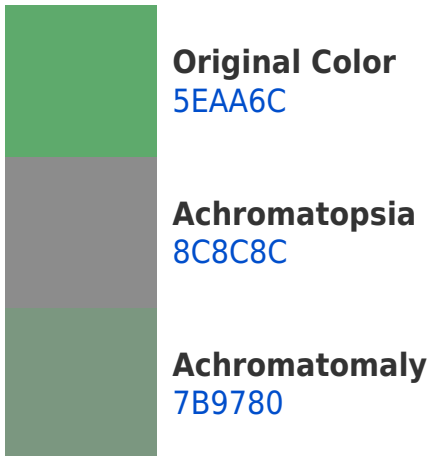


Tritanopia
6DA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAA6C 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 #5EAA6C looks like.

```
.text, #text, p{  
    color:#5EAA6C  
}
```

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 #5EAA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAA6C
}
```

Border

The CSS property to change the border of an element to Hex 5EAA6C 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
#5EAA6C }
```

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

```
.border{ border-color:#5EAA6C }
```

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

Here you see how a box with a 4 pixel #5EAA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAA6C; -webkit-box-shadow:4px 4px  
4px 4px #5EAA6C; box-shadow:4px 4px 4px  
4px #5EAA6C }
```

Background

The CSS property to change the background color of an element to Hex 5EAA6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAA6C }
```

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

```
.background{ background-color:#5EAA6C }
```

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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