

Converting Colors

Hex(5EAF87)

Have a look what the booklet for
Hex(5EAF87) contains.

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Color

Hex(5EAF87)

Conversions

Conversions Part 1

Format	Color
Hex	5EAF87
RGB	94, 175, 135
RGB Percent	37%, 69%, 53%
CMY	0.6314, 0.3137, 0.4706
CMYK	0.46, 0.00, 0.23, 0.31
HSL	150°, 34%, 53%
HSV	150°, 46%, 69%
XYZ	24.3192, 34.7889, 28.3548
YIQ	146.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

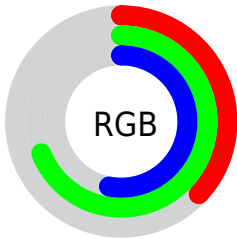
Format	Color
RYB	94, 148, 175
Decimal	6205319
CIELab	65.58, -34.23, 12.94
CIELCh	66, 36.596, 159.286
Yxy	34.7889, 0.2781, 0.3978
Android (android.graphics.Color)	4284395399 (0xFF5EAF87)
YUV	146.2210, -5.5320, -45.7978
Hunter-Lab	58.9821, -29.6204, 12.7846

Details

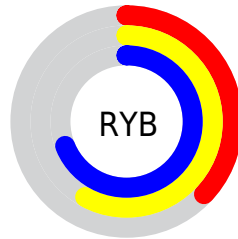
The Hex color **5EAF87** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **AF5E86**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **95E7BC**, and **267A55** is the 20% darker color. If you saturate the color by 10%, you get **4DAF7E**, and if you desaturate by 10%, it is **70AF90**.

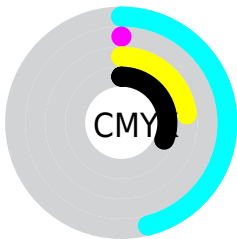
Distribution



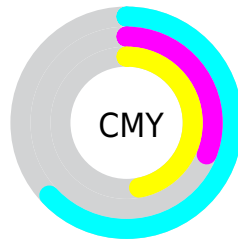
- Red (37%)
- Green (69%)
- Blue (53%)



- Red (37%)
- Yellow (58%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAF87 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 5EAF87 by changing the saturation by 10% instead.



5EAF87



5EAF87

FFFFFF



43946E



95E7BC



267A55



B0FFD8



00613E



CDFFF5



004828



EAF8FF



003113



001C00



000000



5EAF87



5EAF87



4DAF7E



70AF90

 3BAF76

 81AF98

 2AAF6D

 93AFA1

 18AF64

 A4AFAA

 07AF5C

 B6AFB2

 00AF59

 C7AFBB

 D9AFC3

 EAAFCC

 FCAFD5

Harmonies

Analogous

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



87AA6B



5EAF87



2CB1A9

Triad

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



5EAF87



809FE0



DB8B77

Complementary

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



5EAF87



AF5E86

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.



DF8696



5EAF87



B093D2

Square

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



5EAF87



45A9DC



D189B7



C89562

Rectangle

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



5EAF87



00B0BE



D189B7



DE8881

Sweetspot

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



5EAF87



C3E3D3



87AF5E



5F7369



F2F2F2



737373

Same Dimension

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



5EAF87



64E3A4



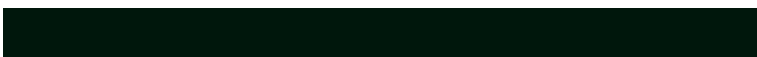
5EAFAF



4E5752



00964C



00170C

Inverse Universe

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



AF5E86



E364A3



AF5E5E



574E52



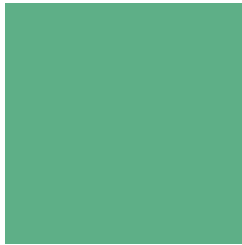
96004A



17000B

Previews

White Background



This preview shows how the Hex color 5EAF87 looks on a white background.

Color Contrast Check

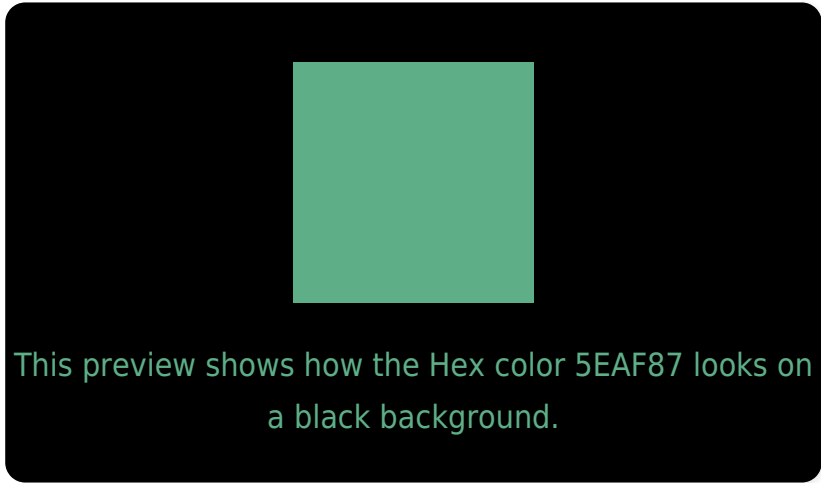
Large Text (above 18pt) WCAG AA × Fail

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

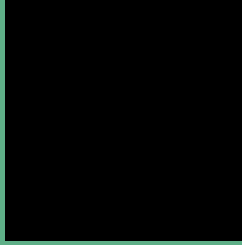
Any Text WCAG AA ✓ Pass

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 5EAF87 Background



This preview shows how black text looks on a background with the Hex color 5EAF87.

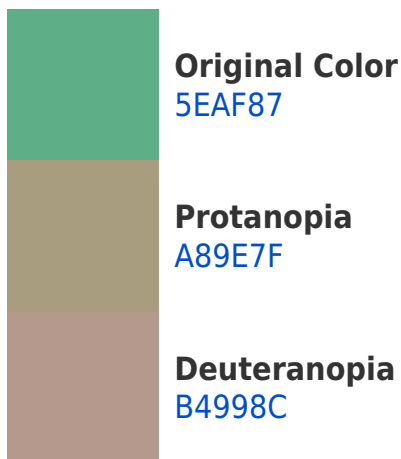


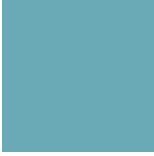
This preview shows how white text looks on a background with the Hex color 5EAF87.

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](#).

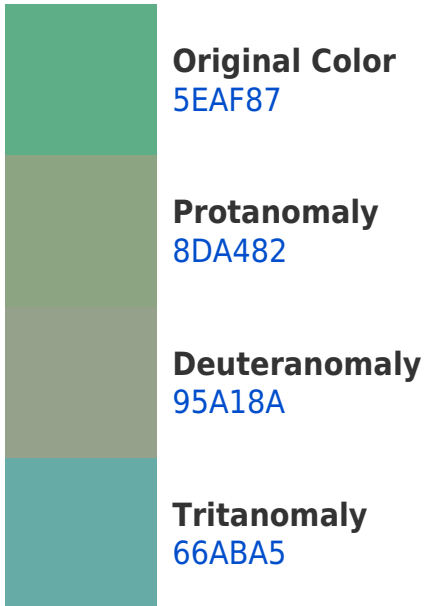
Dichromacy





Tritanopia
6AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAF87 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 #5EAF87 looks like.

```
.text, #text, p{  
    color:#5EAF87  
}
```

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 #5EAF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAF87
}
```

Border

The CSS property to change the border of an element to Hex 5EAF87 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
#5EAF87 }
```

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

```
.border{ border-color:#5EAF87 }
```

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

Here you see how a box with a 4 pixel #5EAF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAF87; -webkit-box-shadow:4px 4px  
4px 4px #5EAF87; box-shadow:4px 4px 4px  
4px #5EAF87 }
```

Background

The CSS property to change the background color of an element to Hex 5EAF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAF87 }
```

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

```
.background{ background-color:#5EAF87 }
```

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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