

Converting Colors

Hex(5EAF7B)

Have a look what the booklet for
Hex(5EAF7B) contains.

Hex(5EAF7B)	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(5EAF7B)

Conversions

Conversions Part 1

Format	Color
Hex	5EAF7B
RGB	94, 175, 123
RGB Percent	37%, 69%, 48%
CMY	0.6314, 0.3137, 0.5176
CMYK	0.46, 0.00, 0.30, 0.31
HSL	141°, 34%, 53%
HSV	141°, 46%, 69%
XYZ	23.5212, 34.4697, 24.1525
YIQ	144.8530, -31.5840, -33.3440

Conversions

Conversions Part 2

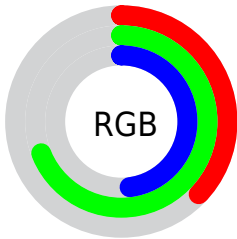
Format	Color
RYB	94, 154, 175
Decimal	6205307
CIELab	65.33, -36.66, 19.16
CIELCh	65, 41.368, 152.406
Yxy	34.4697, 0.2863, 0.4196
Android (android.graphics.Color)	4284395387 (0xFF5EAF7B)
YUV	144.8530, -10.7735, -44.5981
Hunter-Lab	58.7109, -31.2320, 16.7069

Details

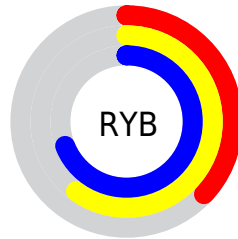
The Hex color **5EAF7B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF5E92**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **94E7B0**, and **267A4A** is the 20% darker color. If you saturate the color by 10%, you get **4DAF70**, and if you desaturate by 10%, it is **70AF86**.

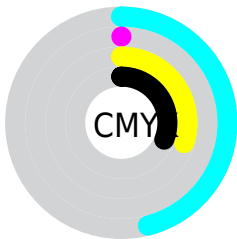
Distribution



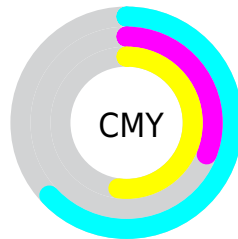
- Red (37%)
- Green (69%)
- Blue (48%)



- Red (37%)
- Yellow (60%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAF7B 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 5EAF7B by changing the saturation by 10% instead.

 5EAF7B

 5EAF7B

FFFFFF

 439462

 94E7B0

 267A4A

 B0FFCB

 006033

 CDFFE7

 00481D

 EAFFFF

 003106

 001B00

 000000

 5EAF7B

 5EAF7B

 4DAF70

 70AF86

 3BAF65

 81AF91

 2AAF59

 93AF9D

 18AF4E

 A4AFA8

 07AF43

 B6AFB3

 00AF3F

 C7AFBE

 D9AFCA

 EAAFD5

 FCAFE0

Harmonies

Analogous

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



8CA85E



5EAF7B



0FB2A0

Triad

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



5EAF7B



69A1E8



E38579

Complementary

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



5EAF7B



AF5E92

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.



E4819D



5EAF7B



A694DD

Square

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



5EAF7B



00ABDF



CF87C2



D1905E

Rectangle

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



5EAF7B



00B2BA



CF87C2



E68284

Sweetspot

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



5EAF7B



C3E3CF



93AF5E



5F7366



F2F2F2



737373

Same Dimension

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



5EAF7B



64E391



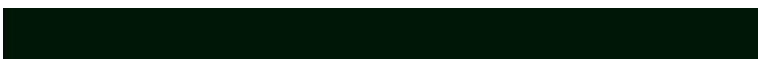
5EAFA3



4E5751



009636



001708

Inverse Universe

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



AF5E92



E364B5



AF5E6A



574E54



960061



17000F

Previews

White Background



This preview shows how the Hex color 5EAF7B looks on a white background.

Color Contrast Check

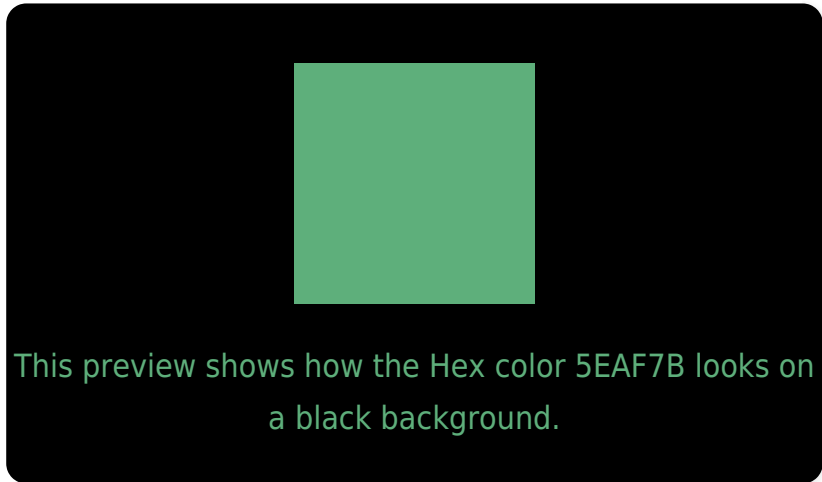
Large Text (above 18pt) WCAG AA × Fail

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

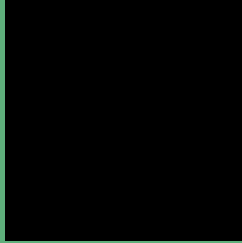
Any Text WCAG AA ✓ Pass

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 5EAF7B Background



This preview shows how black text looks on a background with the Hex color 5EAF7B.

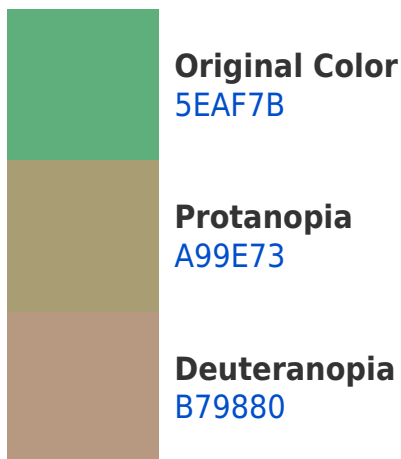


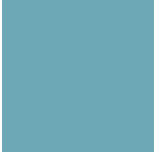
This preview shows how white text looks on a background with the Hex color 5EAF7B.

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](#).

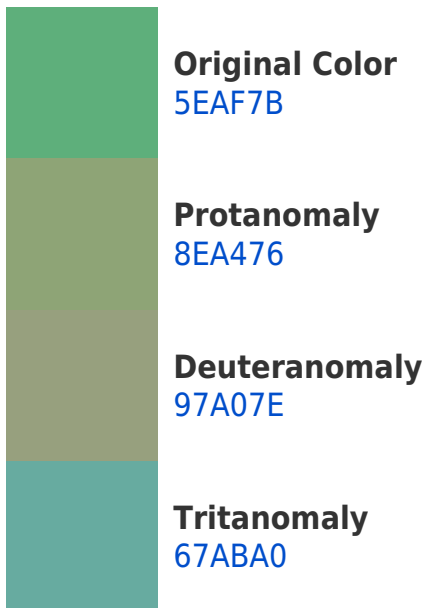
Dichromacy



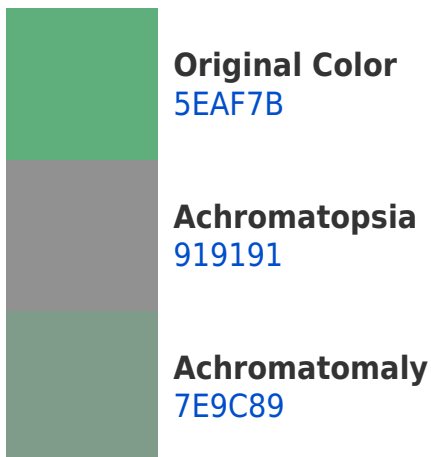


Tritanopia
6CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAF7B 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 #5EAF7B looks like.

```
.text, #text, p{  
    color:#5EAF7B  
}
```

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 #5EAF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAF7B
}
```

Border

The CSS property to change the border of an element to Hex 5EAF7B 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
#5EAF7B }
```

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

```
.border{ border-color:#5EAF7B }
```

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

Here you see how a box with a 4 pixel #5EAF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAF7B; -webkit-box-shadow:4px 4px  
4px 4px #5EAF7B; box-shadow:4px 4px 4px  
4px #5EAF7B }
```

Background

The CSS property to change the background color of an element to Hex 5EAF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAF7B }
```

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

```
.background{ background-color:#5EAF7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor