

Converting Colors

Hex(5FA77E)

Have a look what the booklet for
Hex(5FA77E) contains.

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Color

Hex(5FA77E)

Conversions

Conversions Part 1

Format	Color
Hex	5FA77E
RGB	95, 167, 126
RGB Percent	37%, 65%, 49%
CMY	0.6275, 0.3451, 0.5059
CMYK	0.43, 0.00, 0.25, 0.35
HSL	146°, 29%, 51%
HSV	146°, 43%, 65%
XYZ	22.3039, 31.5767, 24.6580
YIQ	140.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

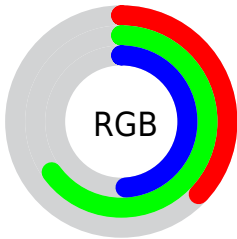
Format	Color
RYB	95, 145, 167
Decimal	6268798
CIELab	62.99, -32.08, 14.28
CIELCh	63, 35.115, 155.996
Yxy	31.5767, 0.2840, 0.4021
Android (android.graphics.Color)	4284458878 (0xFF5FA77E)
YUV	140.7980, -7.2954, -40.1648
Hunter-Lab	56.1931, -27.4886, 13.3182

Details

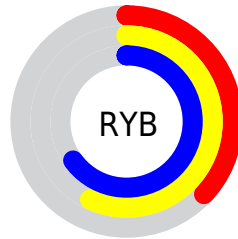
The Hex color **5FA77E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A75F88**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **95DFB3**, and **2A724D** is the 20% darker color. If you saturate the color by 10%, you get **4EA774**, and if you desaturate by 10%, it is **70A788**.

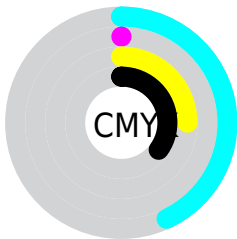
Distribution



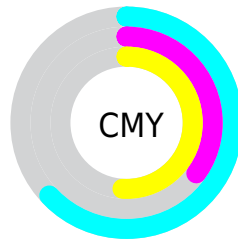
- Red (37%)
- Green (65%)
- Blue (49%)



- Red (37%)
- Yellow (57%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA77E 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 5FA77E by changing the saturation by 10% instead.

 5FA77E

 5FA77E

FFFFFF

 458C65

 95DFB3

 2A724D

 B0FBCE

 085936

 CDF FEB

 004120

 E9FFFF

 002B0A

 001200

 000000

 5FA77E

 5FA77E

 4EA774

 70A788

 3EA76B

 80A791

 2DA761

 91A79B

 1CA758

 A2A7A4

 0CA74E

 B2A7AE

 00A748

 C3A7B7

 D4A7C1

 E5A7CA

 F5A7D4

Harmonies

Analogous

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



85A165



5FA77E



32A99E

Triad

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



5FA77E



7599D6



D28475

Complementary

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



5FA77E



A75F88

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.



D48093



5FA77E



A48ECB

Square

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



5FA77E



3DA2D1



C584B2



C28E60

Rectangle

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



5FA77E



0FA9B3



C584B2



D5827F

Sweetspot

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



5FA77E



BDD9C9



89A75F



5C6E64



EDEDED



6E6E6E

Same Dimension

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



5FA77E



68D999



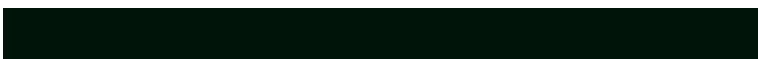
5FA7A1



4C544F



009440



001409

Inverse Universe

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



A75F88



D968A8



A75F65



544C51



940054



14000C

Previews

White Background



This preview shows how the Hex color 5FA77E 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

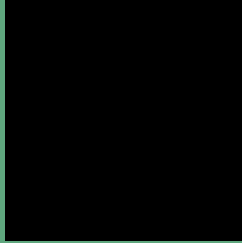
Any Text WCAG AA ✓ Pass

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 5FA77E Background



This preview shows how black text looks on a background with the Hex color 5FA77E.

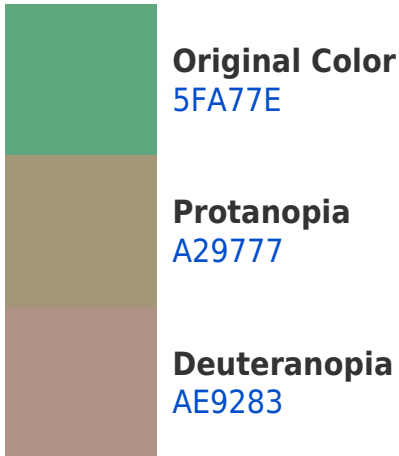


This preview shows how white text looks on a background with the Hex color 5FA77E.

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](#).

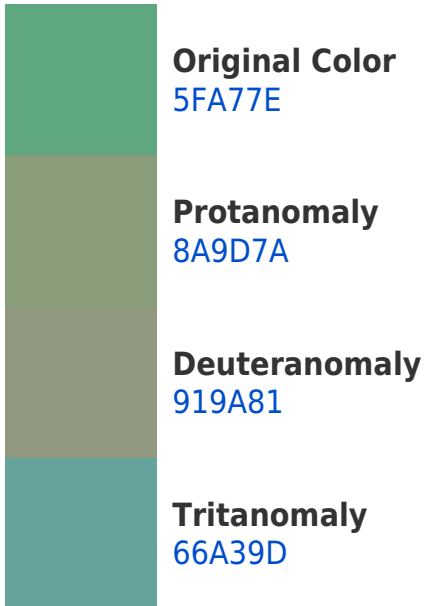
Dichromacy



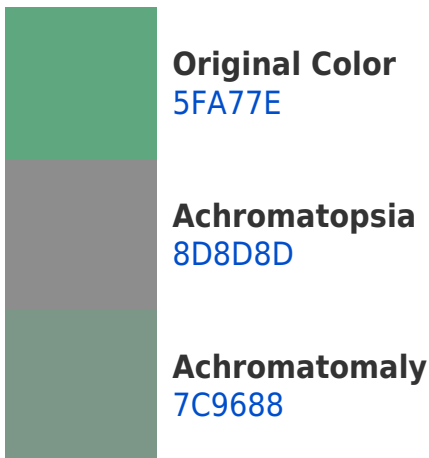


Tritanopia
6AA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA77E 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 #5FA77E looks like.

```
.text, #text, p{  
    color:#5FA77E  
}
```

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 #5FA77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA77E
}
```

Border

The CSS property to change the border of an element to Hex 5FA77E 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
#5FA77E }
```

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

```
.border{ border-color:#5FA77E }
```

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

Here you see how a box with a 4 pixel #5FA77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA77E; -webkit-box-shadow:4px 4px  
4px 4px #5FA77E; box-shadow:4px 4px 4px  
4px #5FA77E }
```

Background

The CSS property to change the background color of an element to Hex 5FA77E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA77E }
```

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

```
.background{ background-color:#5FA77E }
```

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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