

Converting Colors

Hex(5FA84E)

Have a look what the booklet for
Hex(5FA84E) contains.

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Color

Hex(5FA84E)

Conversions

Conversions Part 1

Format	Color
Hex	5FA84E
RGB	95, 168, 78
RGB Percent	37%, 66%, 31%
CMY	0.6275, 0.3412, 0.6941
CMYK	0.43, 0.00, 0.54, 0.34
HSL	109°, 37%, 48%
HSV	109°, 54%, 66%
XYZ	20.0971, 30.9882, 12.1298
YIQ	135.9130, -14.6180, -43.4660

Conversions

Conversions Part 2

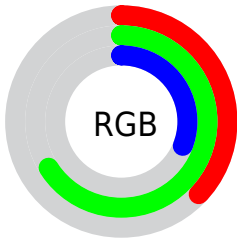
Format	Color
RYB	78, 168, 151
Decimal	6269006
CIELab	62.50, -40.48, 39.11
CIELCh	62, 56.282, 135.986
Yxy	30.9882, 0.3179, 0.4902
Android (android.graphics.Color)	4284459086 (0xFF5FA84E)
YUV	135.9130, -28.5511, -35.8807
Hunter-Lab	55.6671, -32.9747, 26.0477

Details

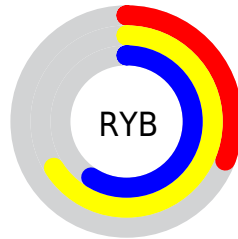
The Hex color **5FA84E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **974EA8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **96E081**, and **27731C** is the 20% darker color. If you saturate the color by 10%, you get **51A83D**, and if you desaturate by 10%, it is **6DA85F**.

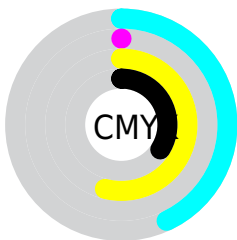
Distribution



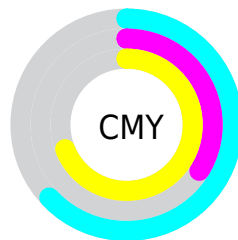
- Red (37%)
- Green (66%)
- Blue (31%)



- Red (31%)
- Yellow (66%)
- Blue (59%)



- Cyan (43%)
- Magenta (0%)
- Yellow (54%)
- Black (34%)



- Cyan (63%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA84E 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 5FA84E by changing the saturation by 10% instead.

 5FA84E

 5FA84E

FFFFFF

 448D35

 96E081

 27731C

 B2FD9C

 005A00

 CEFFB7

 004200

 EBFFD3

 002B00

 FFFFF0

 001000

 000000

 5FA84E

 5FA84E

 51A83D

 6DA85F

 44A82C

 7AA870

 36A81C

 88A880

 28A80B

 96A891

 20A800

 A3A8A2

 B1A8B3

 BEA8C4

 CCA8D4

 DAA8E5

Harmonies

Analogous

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



999D2F



5FA84E



00AE7D

Triad

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



5FA84E



00A3F8



F36B7E

Complementary

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



5FA84E



974EA8

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.



E66DB1



5FA84E



6D93F7

Square

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



5FA84E



00ACDE



BC7FDD



E67951

Rectangle

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



5FA84E



00AFA0



BC7FDD



F2698F

Sweetspot

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



5FA84E



BFDBB8



A8964E



5D6E59



EDEDED



6E6E6E

Same Dimension

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



5FA84E



69DB4F



4EA869



4D544C



1C9400



041400

Inverse Universe

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



974EA8



C14FDB



A84E8D



534C54



780094



110014

Previews

White Background



This preview shows how the Hex color 5FA84E looks on a white background.

Color Contrast Check

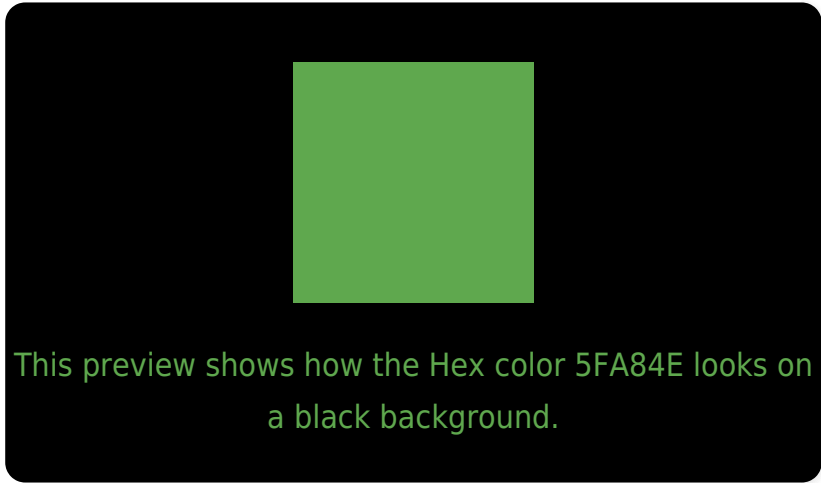
Large Text (above 18pt) WCAG AA × Fail

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 5FA84E Background



This preview shows how black text looks on a background with the Hex color 5FA84E.



This preview shows how white text looks on a background with the Hex color 5FA84E.

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](#).

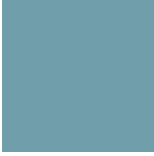
Dichromacy



Original Color
5FA84E

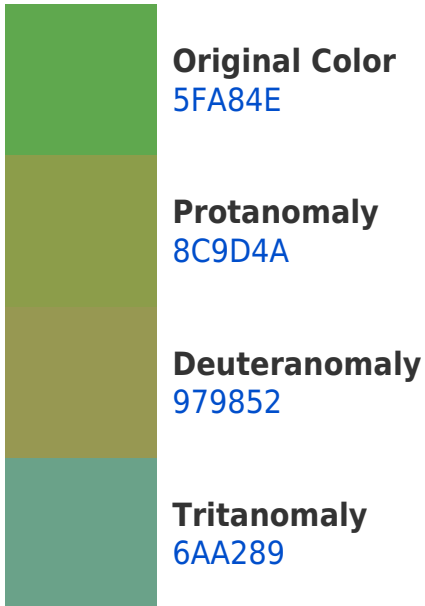
Protanopia
A69648

Deuteranopia
B78F54



Tritanopia
709EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA84E 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 #5FA84E looks like.

```
.text, #text, p{  
    color:#5FA84E  
}
```

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 #5FA84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA84E
}
```

Border

The CSS property to change the border of an element to Hex 5FA84E 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
#5FA84E }
```

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

```
.border{ border-color:#5FA84E }
```

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

Here you see how a box with a 4 pixel #5FA84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA84E; -webkit-box-shadow:4px 4px  
4px 4px #5FA84E; box-shadow:4px 4px 4px  
4px #5FA84E }
```

Background

The CSS property to change the background color of an element to Hex 5FA84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA84E }
```

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

```
.background{ background-color:#5FA84E }
```

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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