

# Converting Colors

Hex(5FAC6E)

Have a look what the booklet for  
Hex(5FAC6E) contains.

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# **Color**

**Hex(5FAC6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FAC6E
RGB	95, 172, 110
RGB Percent	37%, 67%, 43%
CMY	0.6275, 0.3255, 0.5686
CMYK	0.45, 0.00, 0.36, 0.33
HSL	132°, 32%, 52%
HSV	132°, 45%, 67%
XYZ	22.2863, 33.0637, 19.9592
YIQ	141.9090, -25.9900, -35.6060

# Conversions

## Conversions Part 2

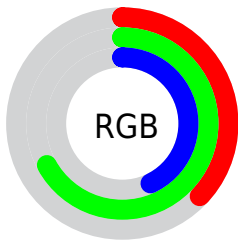
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 159, 172
Decimal	6270062
CIELab	64.21, -37.42, 24.69
CIElCh	64, 44.831, 146.589
Yxy	33.0637, 0.2959, 0.4390
Android (android.graphics.Color)	4284460142 (0xFF5FAC6E)
YUV	141.9090, -15.7311, -41.1392
Hunter-Lab	57.5011, -31.4437, 19.6706

# Details

The Hex color **5FAC6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC5F9D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **95E4A2**, and **28773D** is the 20% darker color. If you saturate the color by 10%, you get **4EAC60**, and if you desaturate by 10%, it is **70AC7C**.

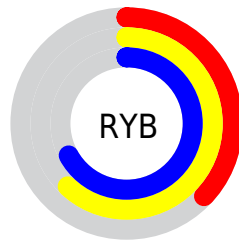
# Distribution



Red (37%)

Green (67%)

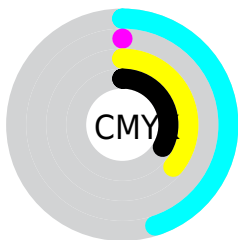
Blue (43%)



Red (37%)

Yellow (62%)

Blue (67%)

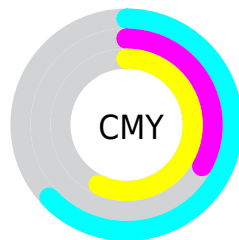


Cyan (45%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FAC6E 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 5FAC6E by changing the saturation by 10% instead.





5FAC6E



5FAC6E

FFFFFF



449155



95E4A2



28773D



B1FFBD



025E27



CDFFD9



004510



EAFFF6



002E00



001700



000000



5FAC6E



5FAC6E



4EAC60



70AC7C

 3DAC52

 81AC8A

 2BAC44

 93AC98

 1AAC37

 A4ACA5

 09AC29

 B5ACB3

 00AC22

 C6ACC1

 D7ACCF

 E9ACDD

 FAACEB

# Harmonies

## Analogous

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



90A452



5FAC6E



00B096

# Triad

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



5FAC6E



4BA1EB



E67D7A

# Complementary

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



5FAC6E



AC5F9D

# 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.



E37BA2



5FAC6E



9893E3

# Square

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



5FAC6E



00ABDE



C984C8



D6895A

# Rectangle

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



5FAC6E



00B0B1



C984C8



E87B87



# Sweetspot

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



5FAC6E



C3E0C9



9EAC5F



5E7062



F0F0F0



707070



# Same Dimension

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



5FAC6E



67E07F



5FAC94



4E5750



00961D



001704



# Inverse Universe

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



AC5F9D



E067C9



AC5F77



574E55



960079



170012



# Previews

## White Background



This preview shows how the Hex color 5FAC6E looks on a white background.

## Color Contrast Check

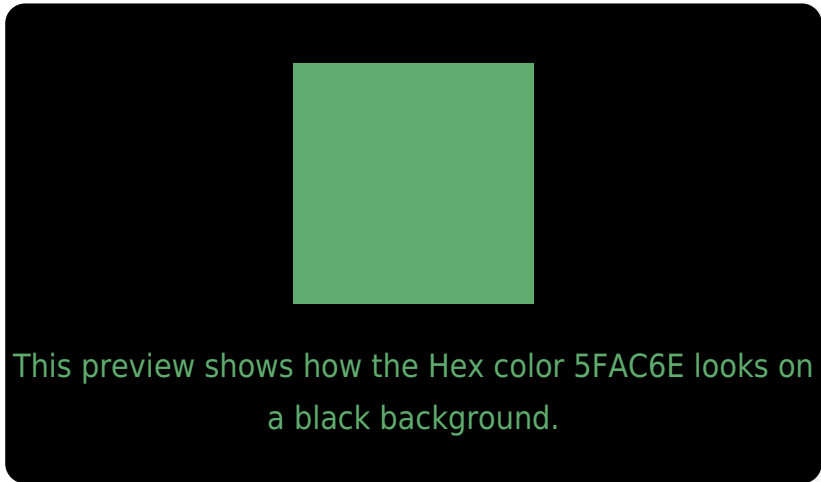
Large Text (above 18pt) WCAG AA × Fail

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

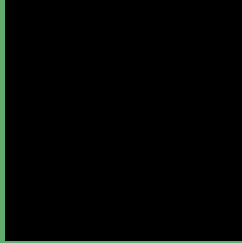
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5FAC6E Background



This preview shows how black text looks on a background with the Hex color 5FAC6E.

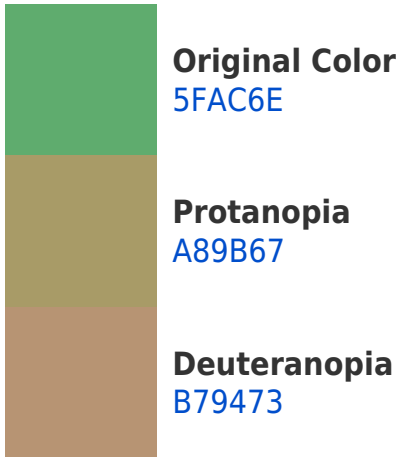


This preview shows how white text looks on a background with the Hex color 5FAC6E.

# 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](#).

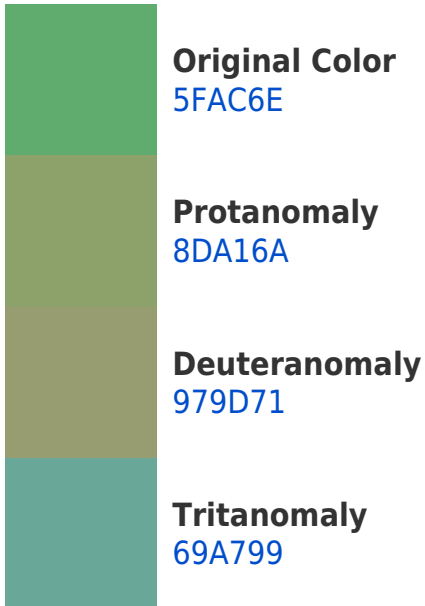
## Dichromacy



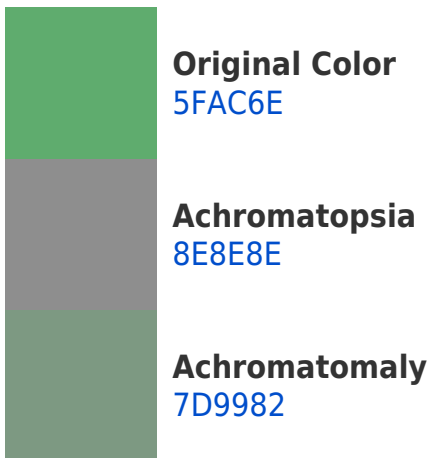


**Tritanopia**  
6EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FAC6E 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 #5FAC6E looks like.

```
.text, #text, p{  
    color:#5FAC6E  
}
```

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 #5FAC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FAC6E
}
```

## Border

The CSS property to change the border of an element to Hex 5FAC6E 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
#5FAC6E }
```

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

```
.border{ border-color:#5FAC6E }
```

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

Here you see how a box with a 4 pixel #5FAC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FAC6E; -webkit-box-shadow:4px 4px  
4px 4px #5FAC6E; box-shadow:4px 4px 4px  
4px #5FAC6E }
```

# Background

The CSS property to change the background color of an element to Hex 5FAC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FAC6E }
```

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

```
.background{ background-color:#5FAC6E }
```

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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