

# Converting Colors

Hex(5FAE56)

Have a look what the booklet for  
Hex(5FAE56) contains.

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# Color

Hex(5FAE56)

# Conversions

## Conversions Part 1

Format	Color
Hex	5FAE56
RGB	95, 174, 86
RGB Percent	37%, 68%, 34%
CMY	0.6275, 0.3176, 0.6627
CMYK	0.45, 0.00, 0.51, 0.32
HSL	114°, 35%, 51%
HSV	114°, 51%, 68%
XYZ	21.5351, 33.3769, 14.1115
YIQ	140.3470, -18.8360, -44.1160

# Conversions

## Conversions Part 2

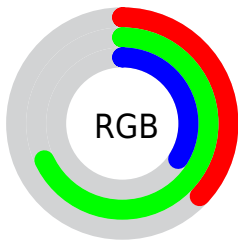
Format	Color
<a href="#">RYB</a>	<a href="#">86, 174, 165</a>
Decimal	<a href="#">6270550</a>
CIELab	<a href="#">64.46, -42.01, 37.52</a>
CIELCh	<a href="#">64, 56.329, 138.234</a>
Yxy	<a href="#">33.3769, 0.3120, 0.4836</a>
Android (android.graphics.Color)	<a href="#">4284460630 (0xFF5FAE56)</a>
YUV	<a href="#">140.3470, -26.7931, -39.7693</a>
Hunter-Lab	<a href="#">57.7727, -34.5655, 25.9588</a>

# Details

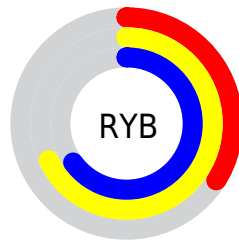
The Hex color **5FAE56** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A556AE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **96E68A**, and **267925** is the 20% darker color. If you saturate the color by 10%, you get **4FAE45**, and if you desaturate by 10%, it is **6FAE67**.

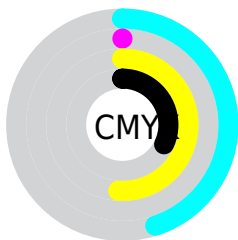
# Distribution



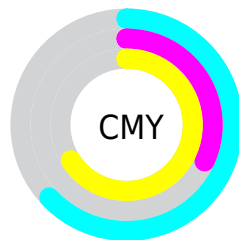
- Red (37%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (51%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FAE56 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 5FAE56 by changing the saturation by 10% instead.



 5FAE56

 5FAE56

FFFFFF

 43933D

 96E68A

 267925

 B2FFA4

 005F0A

 CFFFC0

 004700

 ECFFDC

 003000

 FFFFF9

 001800

 000000

 5FAE56

 5FAE56

 4FAE45

 6FAE67

 40AE33

 7EAE79

 30AE22

 8EAE8A

 21AE10

 9DAE9C

 12AE00

 ADAEAD

 BDAEBE

 CCAED0

 DCAEE1

 ECAEF3

# Harmonies

## Analogous

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



9AA335



5FAE56



00B486

# Triad

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



5FAE56



00A8FF



F97080

# Complementary

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



5FAE56



A556AE

# 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.



EE72B2



5FAE56



7B97FC

# Square

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



5FAE56



00B1E6



C682E0



EA7F53

# Rectangle

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



5FAE56



00B5A9



C682E0



F96F90



# Sweetspot

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



5FAE56



C4E3C1



AEA456



60735E



F2F2F2



737373



# Same Dimension

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



5FAE56



67E359



56AE78



4F574E



0F9600



021700



# Inverse Universe

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



A556AE



D559E3



AE568C



564E57



870096



150017



# Previews

## White Background



This preview shows how the Hex color 5FAE56 looks on a white background.

## Color Contrast Check

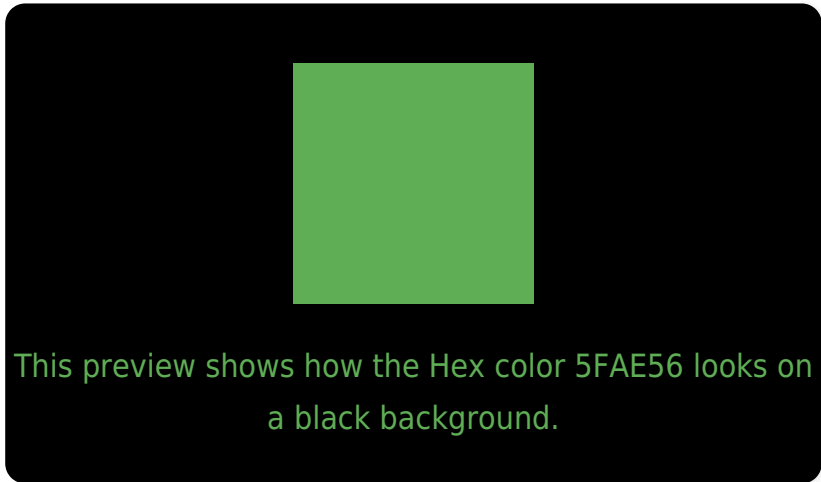
Large Text (above 18pt) WCAG AA × Fail

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

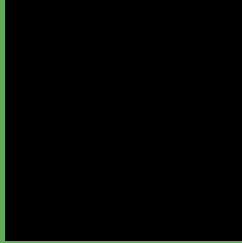
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FAE56 Background



This preview shows how black text looks on a background with the Hex color 5FAE56.

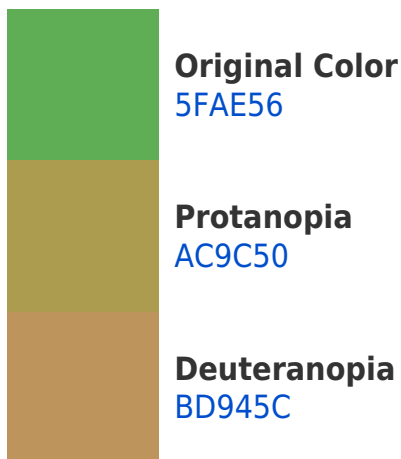


This preview shows how white text looks on a background with the Hex color 5FAE56.

# 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**  
71A4B1

# Trichromacy



**Original Color**  
5FAE56



**Protanomaly**  
90A352



**Deuteranomaly**  
9B9D5A



**Tritanomaly**  
6AA890

# Monochromacy



**Original Color**  
5FAE56



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
7C9878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FAE56 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 #5FAE56 looks like.

```
.text, #text, p{  
    color:#5FAE56  
}
```

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 #5FAE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FAE56
}
```

## Border

The CSS property to change the border of an element to Hex 5FAE56 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
#5FAE56 }
```

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

```
.border{ border-color:#5FAE56 }
```

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

Here you see how a box with a 4 pixel #5FAE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FAE56; -webkit-box-shadow:4px 4px  
4px 4px #5FAE56; box-shadow:4px 4px 4px  
4px #5FAE56 }
```

# Background

The CSS property to change the background color of an element to Hex 5FAE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FAE56 }
```

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

```
.background{ background-color:#5FAE56 }
```

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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