

Converting Colors

Hex(5FAD56)

Have a look what the booklet for
Hex(5FAD56) contains.

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Color

Hex(5FAD56)

Conversions

Conversions Part 1

Format	Color
Hex	5FAD56
RGB	95, 173, 86
RGB Percent	37%, 68%, 34%
CMY	0.6275, 0.3216, 0.6627
CMYK	0.45, 0.00, 0.50, 0.32
HSL	114°, 35%, 51%
HSV	114°, 50%, 68%
XYZ	21.3426, 32.9919, 14.0473
YIQ	139.7600, -18.5610, -43.5930

Conversions

Conversions Part 2

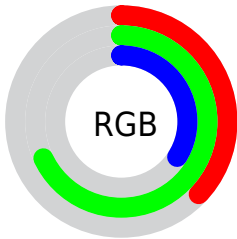
Format	Color
RYB	86, 173, 164
Decimal	6270294
CIELab	64.15, -41.59, 37.14
CIELCh	64, 55.756, 138.234
Yxy	32.9919, 0.3121, 0.4825
Android (android.graphics.Color)	4284460374 (0xFF5FAD56)
YUV	139.7600, -26.5037, -39.2545
Hunter-Lab	57.4386, -34.1919, 25.7069

Details

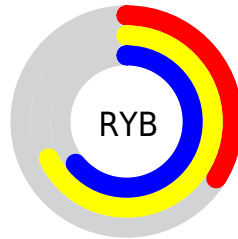
The Hex color **5FAD56** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A456AD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **96E589**, and **277825** is the 20% darker color. If you saturate the color by 10%, you get **4FAD45**, and if you desaturate by 10%, it is **6FAD67**.

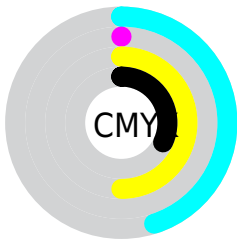
Distribution



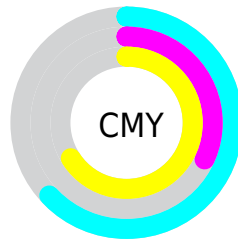
- Red (37%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (50%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5FAD56 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 5FAD56 by changing the saturation by 10% instead.

 5FAD56

 5FAD56

FFFFFF

 44923D

 96E589

 277825

 B2FFA4

 005E0A

 CFFFC0

 004600

 ECFFDC

 002F00

 FFFFF9

 001700

 000000

 5FAD56

 5FAD56

 4FAD45

 6FAD67

 40AD33

 7EAD79

 30AD22

 8EAD8A

 21AD11

 9DAD9B

 12AD00

 ADADAD

 BCADBE

 CCADCF

 DBADE0

 EBADF2

Harmonies

Analogous

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



99A236



5FAD56



00B386

Triad

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



5FAD56



00A7FD



F7707F

Complementary

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



5FAD56



A456AD

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.



ED71B1



5FAD56



7B96FA

Square

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



5FAD56



00B0E5



C582DE



E97F53

Rectangle

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



5FAD56



00B4A8



C582DE



F76E90

Sweetspot

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



5FAD56



C2E0BF



ADA356



5E705C



F0F0F0



707070

Same Dimension

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



5FAD56



68E05A



56AD77



4F574E



109600



021700

Inverse Universe

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



A456AD



D25AE0



AD568C



564E57



870096



150017

Previews

White Background



This preview shows how the Hex color 5FAD56 looks on a white background.

Color Contrast Check

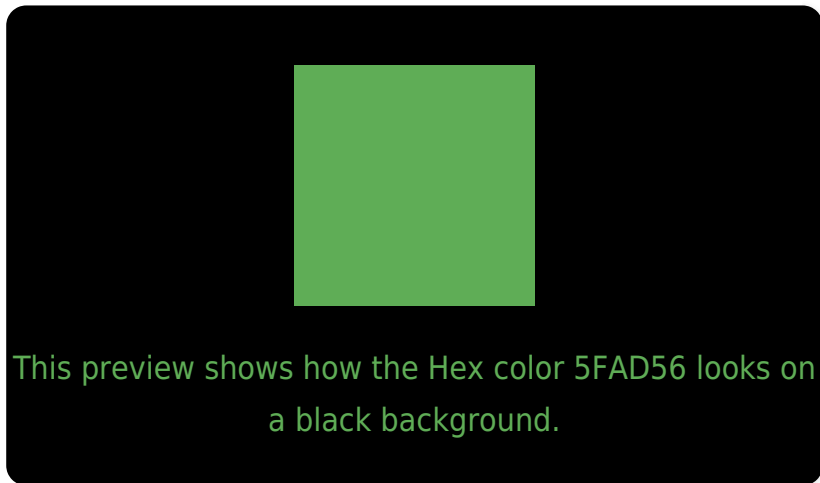
Large Text (above 18pt) WCAG AA × Fail

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 5FAD56 Background



This preview shows how black text looks on a background with the Hex color 5FAD56.

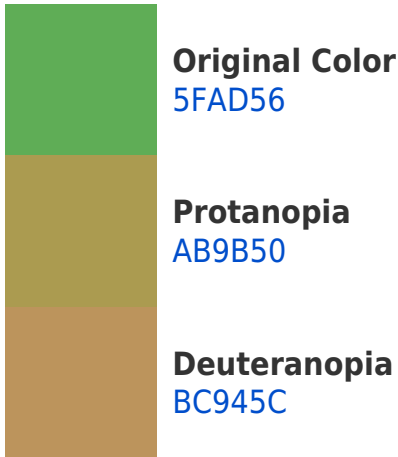


This preview shows how white text looks on a background with the Hex color 5FAD56.

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](#).

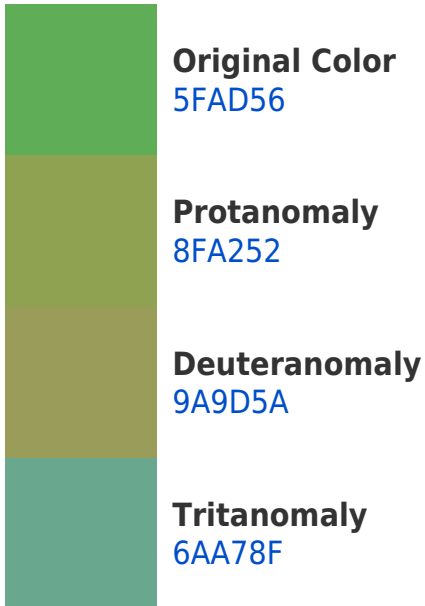
Dichromacy



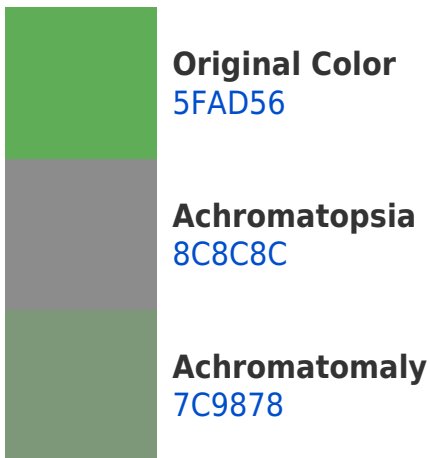


Tritanopia
71A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FAD56 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 #5FAD56 looks like.

```
.text, #text, p{  
    color:#5FAD56  
}
```

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 #5FAD56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FAD56
}
```

Border

The CSS property to change the border of an element to Hex 5FAD56 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
#5FAD56 }
```

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

```
.border{ border-color:#5FAD56 }
```

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

Here you see how a box with a 4 pixel #5FAD56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FAD56; -webkit-box-shadow:4px 4px  
4px 4px #5FAD56; box-shadow:4px 4px 4px  
4px #5FAD56 }
```

Background

The CSS property to change the background color of an element to Hex 5FAD56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FAD56 }
```

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

```
.background{ background-color:#5FAD56 }
```

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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