

# Converting Colors

Hex(8FAC38)

Have a look what the booklet for  
Hex(8FAC38) contains.

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**Color**

**Hex(8FAC38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FAC38
RGB	143, 172, 56
RGB Percent	56%, 67%, 22%
CMY	0.4392, 0.3255, 0.7804
CMYK	0.17, 0.00, 0.67, 0.33
HSL	75°, 51%, 45%
HSV	75°, 67%, 67%
XYZ	26.7940, 35.6302, 9.2065
YIQ	150.1050, 19.9520, -42.2240

# Conversions

## Conversions Part 2

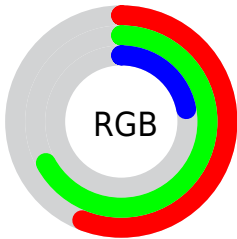
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">56, 172, 85</a>
Decimal	<a href="#">9415736</a>
CIELab	<a href="#">66.24, -26.62, 54.00</a>
CIElCh	<a href="#">66, 60.209, 116.241</a>
Yxy	<a href="#">35.6302, 0.3741, 0.4974</a>
Android (android.graphics.Color)	<a href="#">4287605816 (0xFF8FAC38)</a>
YUV	<a href="#">150.1050, -46.3938, -6.2311</a>
Hunter-Lab	<a href="#">59.6910, -24.3345, 32.6391</a>

# Details

The Hex color **8FAC38** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5538AC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C7E36D**, and **597800** is the 20% darker color. If you saturate the color by 10%, you get **8BAC27**, and if you desaturate by 10%, it is **93AC49**.

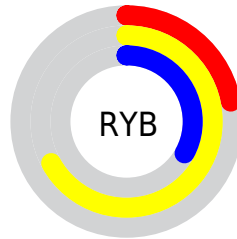
# Distribution



Red (56%)

Green (67%)

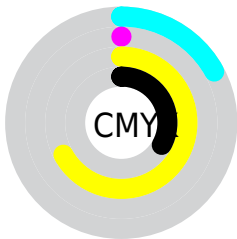
Blue (22%)



Red (22%)

Yellow (67%)

Blue (33%)

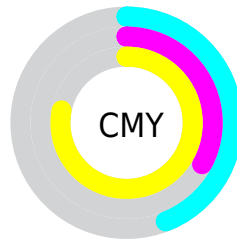


Cyan (17%)

Magenta (0%)

Yellow (67%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FAC38 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 8FAC38 by changing the saturation by 10% instead.





8FAC38



8FAC38

FFFFFF



74911B



C7E36D



597800



E4FF88



3F5F00



FFFFA3



254700



FFFFBF



063000



FFFFDC



001E00



FFFFF9



000000



8FAC38



8FAC38



8BAC27



93AC49

■ 86AC16

■ 98AC5A

■ 82AC04

■ 9CAC6C

■ 81AC00

■ A0AC7D

■ A5AC8E

■ A9AC9F

■ ADACB0

■ B1ACC2

■ B6ACD3

# Harmonies

## Analogous

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



C49C2C



8FAC38



46B662

# Triad

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



8FAC38



00B5FA



FF70AA

# Complementary

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



8FAC38



5538AC

# 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.



DC7FDE



8FAC38



00A9FF

# Square

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



8FAC38



00BBCF



9696FF



FF7474

# Rectangle

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



8FAC38



00BA85



9696FF



F773BC



# Sweetspot

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



8FAC38



D5E0B4



AC5538



697055



F0F0F0



707070



# Same Dimension

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



8FAC38



B3E02B



55AC38



55574E



719600



111700



# Inverse Universe

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



5538AC



582BE0



8F38AC



504E57



260096



060017



# Previews

## White Background



This preview shows how the Hex color 8FAC38 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



This preview shows how the Hex color 8FAC38 looks on a 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 8FAC38 Background



This preview shows how black text looks on a background with the Hex color 8FAC38.

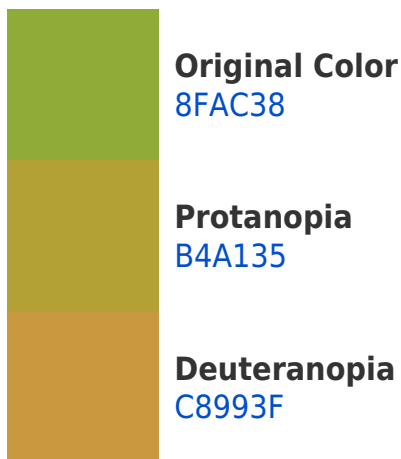


This preview shows how white text looks on a background with the Hex color 8FAC38.

# 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](#).

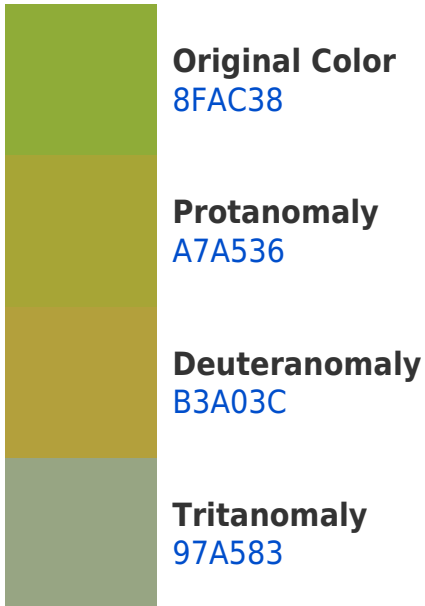
## Dichromacy





**Tritanopia**  
9CA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FAC38 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 #8FAC38 looks like.

```
.text, #text, p{  
    color:#8FAC38  
}
```

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 #8FAC38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FAC38
}
```

## Border

The CSS property to change the border of an element to Hex 8FAC38 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
#8FAC38 }
```

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

```
.border{ border-color:#8FAC38 }
```

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

Here you see how a box with a 4 pixel #8FAC38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FAC38; -webkit-box-shadow:4px 4px  
4px 4px #8FAC38; box-shadow:4px 4px 4px  
4px #8FAC38 }
```

# Background

The CSS property to change the background color of an element to Hex 8FAC38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FAC38 }
```

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

```
.background{ background-color:#8FAC38 }
```

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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