

# Converting Colors

Hex(8FB54D)

Have a look what the booklet for  
Hex(8FB54D) contains.

<b>Hex(8FB54D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8FB54D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FB54D
RGB	143, 181, 77
RGB Percent	56%, 71%, 30%
CMY	0.4392, 0.2902, 0.6980
CMYK	0.21, 0.00, 0.57, 0.29
HSL	82°, 41%, 51%
HSV	82°, 57%, 71%
XYZ	29.1911, 39.4232, 13.0921
YIQ	157.7820, 10.7360, -40.4000

# Conversions

## Conversions Part 2

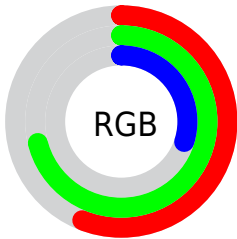
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 181, 115
Decimal	9418061
CIELab	69.06, -29.28, 47.94
CIELCh	69, 56.170, 121.417
Yxy	39.4232, 0.3573, 0.4825
Android (android.graphics.Color)	4287608141 (0xFF8FB54D)
YUV	157.7820, -39.8255, -12.9638
Hunter-Lab	62.7879, -26.8913, 31.5888

# Details

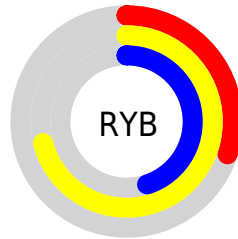
The Hex color **8FB54D** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **734DB5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C7ED81**, and **5A8017** is the 20% darker color. If you saturate the color by 10%, you get **88B53B**, and if you desaturate by 10%, it is **96B55F**.

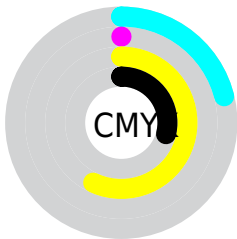
# Distribution



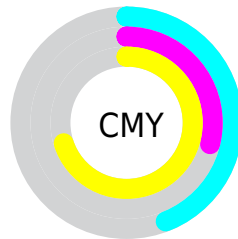
- Red (56%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (45%)



- Cyan (21%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



- Cyan (44%)
- Magenta (29%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FB54D 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 8FB54D by changing the saturation by 10% instead.





8FB54D



8FB54D

FFFFFF



749A33



C7ED81



5A8017



E4FF9C



3F6700



FFFFB8



264E00



FFFFD4



073700



FFFFF1



002300



000000



8FB54D



8FB54D



88B53B



96B55F

 82B529

 9CB571

 7BB517

 A3B583

 75B505

 A9B595

 73B500

 B0B5A8

 B7B5BA

 BDB5CC

 C4B5DE

 CBB5F0

# Harmonies

## Analogous

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



C3A73D



8FB54D



48BE76

# Triad

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



8FB54D



00BAFF



FF7CA8

# Complementary

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



8FB54D



734DB5

# 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.



E986DA



8FB54D



43ADFF

# Square

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



8FB54D



00C1DC



AE9AFF



FF8276

# Rectangle

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



8FB54D



00C198



AE9AFF



FE7DB9



# Sweetspot

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



8FB54D



DCEBC3



B5714D



6D755E



F5F5F5



757575



# Same Dimension

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



8FB54D



A FEB49



5DB54D



565950



619900



101A00



# Inverse Universe

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



734DB5



8449EB



A54DB5



545059



380099



09001A



# Previews

## White Background



This preview shows how the Hex color 8FB54D 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 8FB54D Background



This preview shows how black text looks on a background with the Hex color 8FB54D.

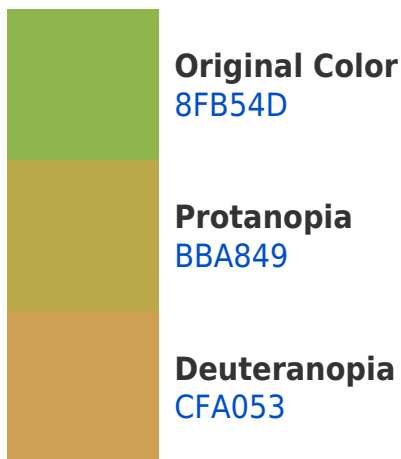


This preview shows how white text looks on a background with the Hex color 8FB54D.

# Color Blindness Simulation

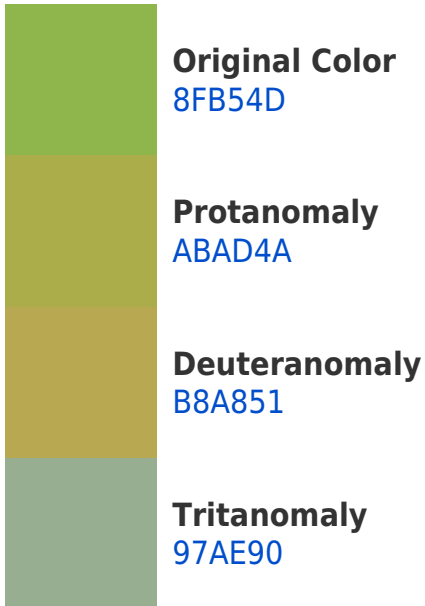
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FB54D 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 #8FB54D looks like.

```
.text, #text, p{  
    color:#8FB54D  
}
```

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 #8FB54D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FB54D
}
```

## Border

The CSS property to change the border of an element to Hex 8FB54D 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
#8FB54D }
```

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

```
.border{ border-color:#8FB54D }
```

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

Here you see how a box with a 4 pixel #8FB54D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FB54D; -webkit-box-shadow:4px 4px  
4px 4px #8FB54D; box-shadow:4px 4px 4px  
4px #8FB54D }
```

# Background

The CSS property to change the background color of an element to Hex 8FB54D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FB54D }
```

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

```
.background{ background-color:#8FB54D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor