

# Converting Colors

Hex(8FD53E)

Have a look what the booklet for  
Hex(8FD53E) contains.

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# Color

Hex(8FD53E)

# Conversions

## Conversions Part 1

Format	Color
Hex	8FD53E
RGB	143, 213, 62
RGB Percent	56%, 84%, 24%
CMY	0.4392, 0.1647, 0.7569
CMYK	0.33, 0.00, 0.71, 0.16
HSL	88°, 64%, 54%
HSV	88°, 71%, 84%
XYZ	35.9914, 53.7759, 13.0403
YIQ	174.8560, 6.7510, -61.8010

# Conversions

## Conversions Part 2

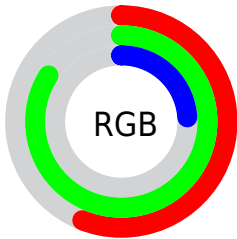
Format	Color
<a href="#">RYB</a>	<a href="#">62, 213, 132</a>
Decimal	<a href="#">9426238</a>
CIELab	<a href="#">78.33, -44.86, 64.06</a>
CIELCh	<a href="#">78, 78.204, 125.007</a>
Yxy	<a href="#">53.7759, 0.3501, 0.5231</a>
Android (android.graphics.Color)	<a href="#">4287616318</a> ( <a href="#">0xFF8FD53E</a> )
YUV	<a href="#">174.8560, -55.6380, -27.9377</a>
Hunter-Lab	<a href="#">73.3321, -40.7232, 40.7892</a>

# Details

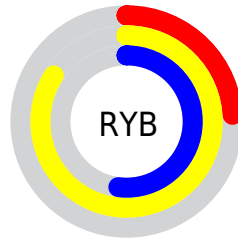
The Hex color **8FD53E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **843ED5**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **C9FF76**, and **569E00** is the 20% darker color. If you saturate the color by 10%, you get **85D529**, and if you desaturate by 10%, it is **99D553**.

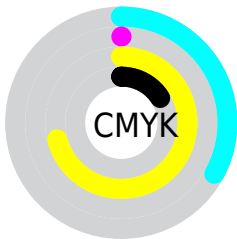
# Distribution



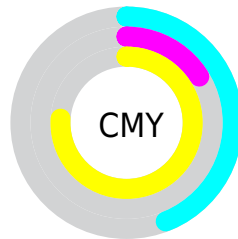
- Red (56%)
- Green (84%)
- Blue (24%)



- Red (24%)
- Yellow (84%)
- Blue (52%)



- Cyan (33%)
- Magenta (0%)
- Yellow (71%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FD53E 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 8FD53E by changing the saturation by 10% instead.





8FD53E



8FD53E

FFFFFF



73B91E



C9FF76



569E00



E6FF92



388300



FFFFAE



176A00



FFFFCB



005100



FFFFE8



003900



002400



000000



8FD53E



8FD53E

 85D529

 99D553

 7BD513

 A3D569

 72D500

 ADD57E

 B6D593

 C0D5A9

 CAD5BE

 D4D5D3

 DED5E8

 E8D5FE

# Harmonies

## Analogous

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



DBC20F



8FD53E



00E081

# Triad

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



8FD53E



00D9FF



FF79B9

# Complementary

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



8FD53E



843ED5

# 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.



FF89FF



8FD53E



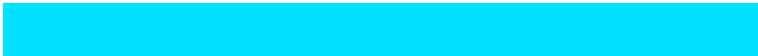
00C6FF

# Square

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



8FD53E



00E2FF



D3A9FF



FF8972

# Rectangle

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



8FD53E



00E3B3



D3A9FF



FF7BD1

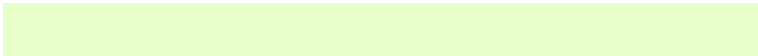


# Sweetspot

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



8FD53E



E6FFC9



D5823E



718060



000000



808080



# Same Dimension

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



8FD53E



9BFF26



46D53E



666B60



5CAB00



172B00



# Inverse Universe

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



843ED5



8B26FF



CD3ED5



65606B



4F00AB



14002B



# Previews

## White Background



This preview shows how the Hex color 8FD53E 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 8FD53E 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 8FD53E Background



This preview shows how black text looks on a background with the Hex color 8FD53E.

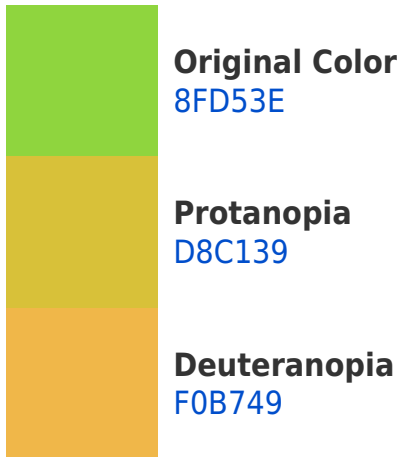


This preview shows how white text looks on a background with the Hex color 8FD53E.

# 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**  
A3C7D7

# Trichromacy



**Original Color**  
8FD53E



**Protanomaly**  
BDC83B



**Deuteranomaly**  
CDC245



**Tritanomaly**  
9CCC9F

# Monochromacy



**Original Color**  
8FD53E



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
A3BD86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FD53E 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 #8FD53E looks like.

```
.text, #text, p{  
    color:#8FD53E  
}
```

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 #8FD53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FD53E
}
```

## Border

The CSS property to change the border of an element to Hex 8FD53E 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
#8FD53E }
```

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

```
.border{ border-color:#8FD53E }
```

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

Here you see how a box with a 4 pixel #8FD53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FD53E; -webkit-box-shadow:4px 4px  
4px 4px #8FD53E; box-shadow:4px 4px 4px  
4px #8FD53E }
```

# Background

The CSS property to change the background color of an element to Hex 8FD53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FD53E }
```

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

```
.background{ background-color:#8FD53E }
```

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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