

# Converting Colors

Hex(82D13F)

Have a look what the booklet for  
Hex(82D13F) contains.

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**Color**

**Hex(82D13F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82D13F
RGB	130, 209, 63
RGB Percent	51%, 82%, 25%
CMY	0.4902, 0.1804, 0.7529
CMYK	0.38, 0.00, 0.70, 0.18
HSL	92°, 61%, 53%
HSV	92°, 70%, 82%
XYZ	32.9036, 50.7056, 12.7556
YIQ	168.7350, -0.2180, -62.1540

# Conversions

## Conversions Part 2

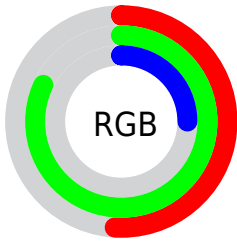
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 209, 142
Decimal	8573247
CIE <sub>Lab</sub>	76.50, -47.63, 61.62
CIE <sub>LCh</sub>	77, 77.884, 127.701
Yxy	50.7056, 0.3414, 0.5262
Android (android.graphics.Color)	4286763327 (0xFF82D13F)
YUV	168.7350, -52.1274, -33.9706
Hunter-Lab	71.2079, -42.1329, 39.2248

# Details

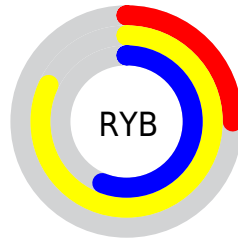
The Hex color **82D13F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8E3FD1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BCFF76**, and **489A00** is the 20% darker color. If you saturate the color by 10%, you get **77D12A**, and if you desaturate by 10%, it is **8DD154**.

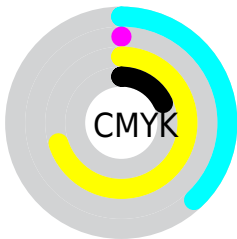
# Distribution



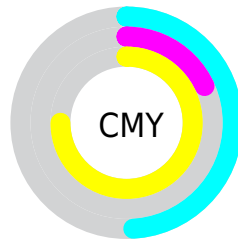
- Red (51%)
- Green (82%)
- Blue (25%)



- Red (25%)
- Yellow (82%)
- Blue (56%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82D13F 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 82D13F by changing the saturation by 10% instead.



 82D13F

 82D13F

FFFFFF

 65B520

 BCFF76

 489A00

 D9FF92

 287F00

 F7FFAE

 006600

 FFFF CB

 004D00

 FFFF E8

 003500

 001F00

 000000

 82D13F

 82D13F

■ 77D12A

■ 8DD154

■ 6BD115

■ 99D169

■ 60D100

■ A4D17E

■ AFD193

■ BBD1A8

■ C6D1BC

■ D1D1D1

■ DCD1E6

■ E8D1FB

# Harmonies

## Analogous

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



CFBF05



82D13F



00DB83

# Triad

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



82D13F



00D3FF



FF74AD

# Complementary

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



82D13F



8E3FD1

# 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.



FF81F5



82D13F



17BFFF

# Square

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



82D13F



00DCFF



D7A1FF



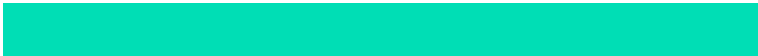
FF8768

# Rectangle

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



82D13F



00DEB5



D7A1FF



FF75C5

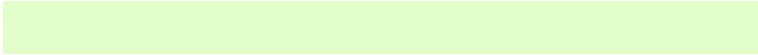


# Sweetspot

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



82D13F



E2FFC9



D18D3F



6E8060



000000



808080



# Same Dimension

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



82D13F



8BFF29



3FD144



63695E



4DA800



132900



# Inverse Universe

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



8E3FD1



9D29FF



D13FCC



645E69



5B00A8



160029



# Previews

## White Background



This preview shows how the Hex color 82D13F looks on a white background.

## Color Contrast Check

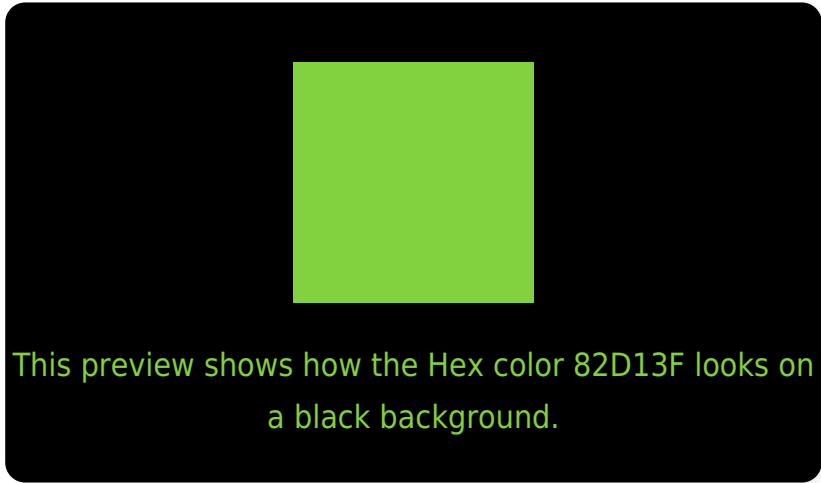
Large Text (above 18pt) WCAG AA × Fail

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 82D13F Background



This preview shows how black text looks on a background with the Hex color 82D13F.

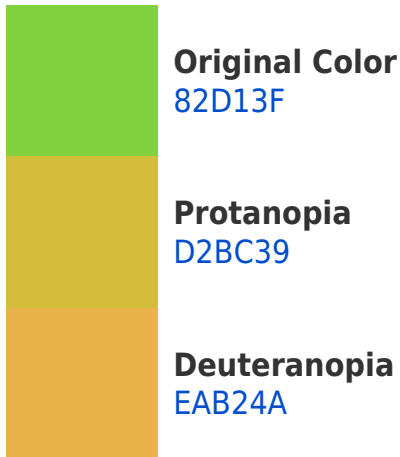


This preview shows how white text looks on a background with the Hex color 82D13F.

# 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](#).

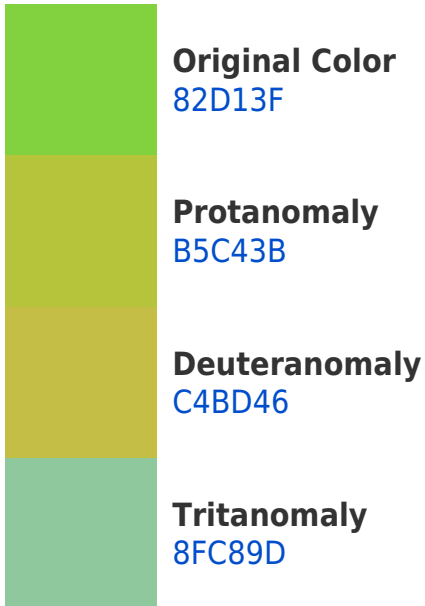
## Dichromacy



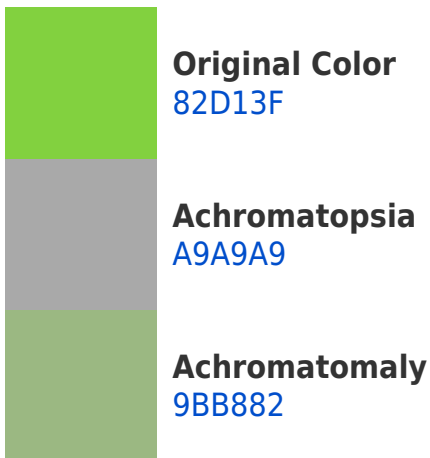


**Tritanopia**  
97C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82D13F 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 #82D13F looks like.

```
.text, #text, p{  
    color:#82D13F  
}
```

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 #82D13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D13F
}
```

## Border

The CSS property to change the border of an element to Hex 82D13F 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
#82D13F }
```

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

```
.border{ border-color:#82D13F }
```

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

Here you see how a box with a 4 pixel #82D13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D13F; -webkit-box-shadow:4px 4px  
4px 4px #82D13F; box-shadow:4px 4px 4px  
4px #82D13F }
```

# Background

The CSS property to change the background color of an element to Hex 82D13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D13F }
```

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

```
.background{ background-color:#82D13F }
```

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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