

# Converting Colors

Hex(82FA6B)

Have a look what the booklet for  
Hex(82FA6B) contains.

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# Color

Hex(82FA6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	82FA6B
RGB	130, 250, 107
RGB Percent	51%, 98%, 42%
CMY	0.4902, 0.0196, 0.5804
CMYK	0.48, 0.00, 0.57, 0.02
HSL	110°, 93%, 70%
HSV	110°, 57%, 98%
XYZ	46.0454, 74.1786, 25.8010
YIQ	197.8180, -25.6170, -69.9130

# Conversions

## Conversions Part 2

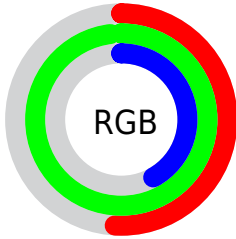
Format	Color
<a href="#">RYB</a>	<a href="#">107, 250, 227</a>
Decimal	<a href="#">8583787</a>
CIELab	<a href="#">89.01, -59.92, 57.28</a>
CIElCh	<a href="#">89, 82.899, 136.290</a>
Yxy	<a href="#">74.1786, 0.3153, 0.5080</a>
Android (android.graphics.Color)	<a href="#">4286773867</a> ( <a href="#">0xFF82FA6B</a> )
YUV	<a href="#">197.8180, -44.7733, -59.4764</a>
Hunter-Lab	<a href="#">86.1270, -55.2922, 42.5274</a>

# Details

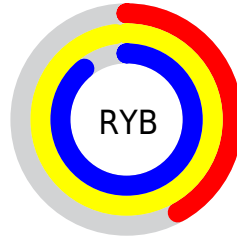
The Hex color **82FA6B** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E36BFA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BEFFA2**, and **43C034** is the 20% darker color. If you saturate the color by 10%, you get **6DFA52**, and if you desaturate by 10%, it is **97FA84**.

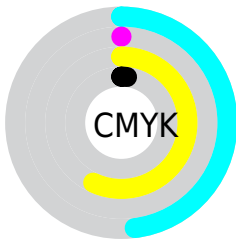
# Distribution



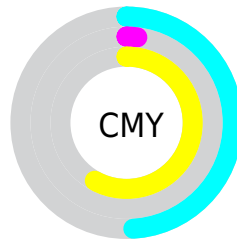
- Red (51%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)



- Cyan (49%)
- Magenta (2%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82FA6B 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 82FA6B by changing the saturation by 10% instead.



 82FA6B

 82FA6B

FFFFFF

 64DD50

 BEFFA2

 43C034

 DCFBE

 18A513

 FAFFDB

 008A00

 FFFFF8

 006F00

 005500

 003D00

 002500

 000000

 82FA6B

 82FA6B

 6DFA52

 97FA84

 58FA39

 ACFA9D

 43FA20

 C1FAB6

 2EFA07

 D6FACF

 28FA00

 EBFAE8

 FFFAFF

# Harmonies

## Analogous

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



DFE933



82FA6B



00FFB7

# Triad

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



82FA6B



00F3FF



FF96B8

# Complementary

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



82FA6B



E36BFA

# Split Complementary

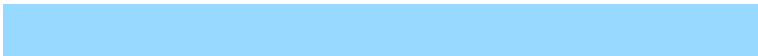
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF99FF



82FA6B



98DAFF

# Square

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



82FA6B



00FFFF



FFB7FF



FFAE6F

# Rectangle

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



82FA6B



00FFEE



FFB7FF



FF93D2

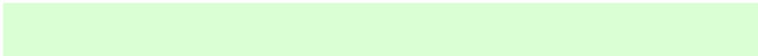


# Sweetspot

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



82FA6B



DBFFD4



FAE26B



6A8066



000000



808080



# Same Dimension

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



82FA6B



6BFF4F



6BFA9B



727D70



1EBD00



0A3D00



# Inverse Universe

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



E36BFA



E34FFF



FA6BCA



7B707D



9E00BD

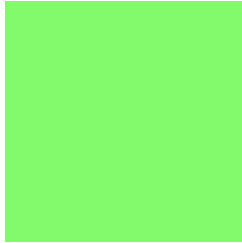


33003D



# Previews

## White Background



This preview shows how the Hex color 82FA6B 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 82FA6B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

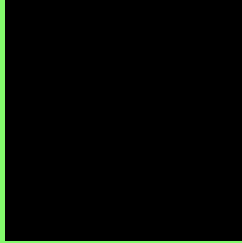
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

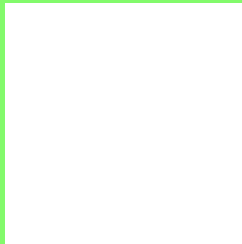
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82FA6B Background



This preview shows how black text looks on a background with the Hex color 82FA6B.

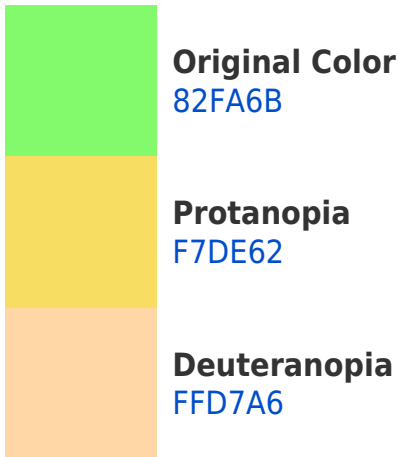


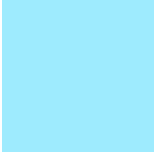
This preview shows how white text looks on a background with the Hex color 82FA6B.

# 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



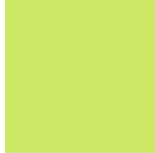


**Tritanopia**  
9EEBFE

# Trichromacy



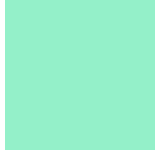
**Original Color**  
82FA6B



**Protanomaly**  
CCE865



**Deuteranomaly**  
D2E491

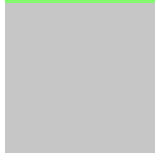


**Tritanomaly**  
94F0C9

# Monochromacy



**Original Color**  
82FA6B



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
ADD9A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82FA6B 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 #82FA6B looks like.

```
.text, #text, p{  
    color:#82FA6B  
}
```

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 #82FA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FA6B
}
```

## Border

The CSS property to change the border of an element to Hex 82FA6B 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
#82FA6B }
```

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

```
.border{ border-color:#82FA6B }
```

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

Here you see how a box with a 4 pixel #82FA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FA6B; -webkit-box-shadow:4px 4px  
4px 4px #82FA6B; box-shadow:4px 4px 4px  
4px #82FA6B }
```

# Background

The CSS property to change the background color of an element to Hex 82FA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FA6B }
```

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

```
.background{ background-color:#82FA6B }
```

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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