

# Converting Colors

Hex(92FA5E)

Have a look what the booklet for  
Hex(92FA5E) contains.

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# Color

Hex(92FA5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	92FA5E
RGB	146, 250, 94
RGB Percent	57%, 98%, 37%
CMY	0.4275, 0.0196, 0.6314
CMYK	0.42, 0.00, 0.62, 0.02
HSL	100°, 94%, 67%
HSV	100°, 62%, 98%
XYZ	48.0600, 75.2904, 22.5891
YIQ	201.1200, -11.9080, -70.5640

# Conversions

## Conversions Part 2

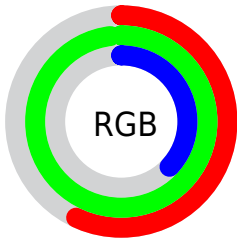
Format	Color
<a href="#">RYB</a>	<a href="#">94, 250, 198</a>
Decimal	<a href="#">9632350</a>
CIELab	<a href="#">89.53, -56.53, 63.55</a>
CIElCh	<a href="#">90, 85.052, 131.654</a>
Yxy	<a href="#">75.2904, 0.3293, 0.5159</a>
Android (android.graphics.Color)	<a href="#">4287822430 (0xFF92FA5E)</a>
YUV	<a href="#">201.1200, -52.8102, -48.3402</a>
Hunter-Lab	<a href="#">86.7700, -52.9802, 45.3038</a>

# Details

The Hex color **92FA5E** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C65EFA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CDFF96**, and **56C122** is the 20% darker color. If you saturate the color by 10%, you get **81FA45**, and if you desaturate by 10%, it is **A3FA77**.

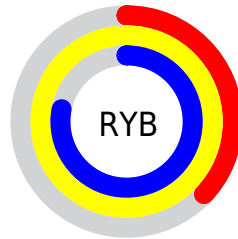
# Distribution



Red (57%)

Green (98%)

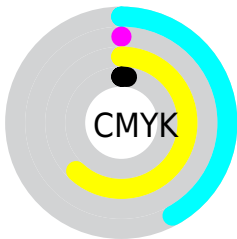
Blue (37%)



Red (37%)

Yellow (98%)

Blue (78%)

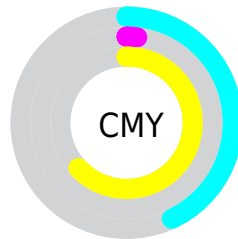


Cyan (42%)

Magenta (0%)

Yellow (62%)

Black (2%)



Cyan (43%)

Magenta (2%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92FA5E 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 92FA5E by changing the saturation by 10% instead.



 92FA5E

 92FA5E

FFFFFF

 74DD42

 CDFF96

 56C122

 EBFFB2

 35A500

 FFFFCF

 008A00

 FFFFEC

 007000

 005600

 003D00

 002700

 000000

 92FA5E

 92FA5E

 81FA45

 A3FA77

 71FA2C

 B3FA90

 60FA13

 C4FAA9

 53FA00

 D5FAC2

 E5FADB

 F6FAF4

 FFFAFF

# Harmonies

## Analogous

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



EDE727



92FA5E



00FFAB

# Triad

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



92FA5E



00F8FF



FF92C5

# Complementary

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



92FA5E



C65EFA

# 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.



FF9CFF



92FA5E



72E0FF

# Square

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



92FA5E



00FFFF



FFBDFD



FFA978

# Rectangle

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



92FA5E



00FFE3



FFBDFE



FF92E0

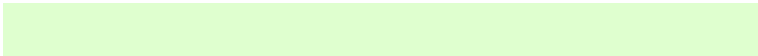


# Sweetspot

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



92FA5E



DFFFCF



FAC65E



6C8062



000000



808080



# Same Dimension

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



92FA5E



80FF40



5EFA78



757D70



3FBD00



143D00



# Inverse Universe

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



C65EFA



BF40FF



FA5EE0



79707D



7E00BD

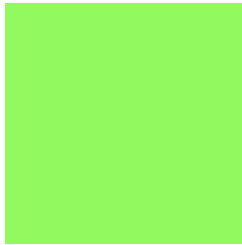


29003D



# Previews

## White Background



This preview shows how the Hex color 92FA5E looks on a white background.

## Color Contrast Check

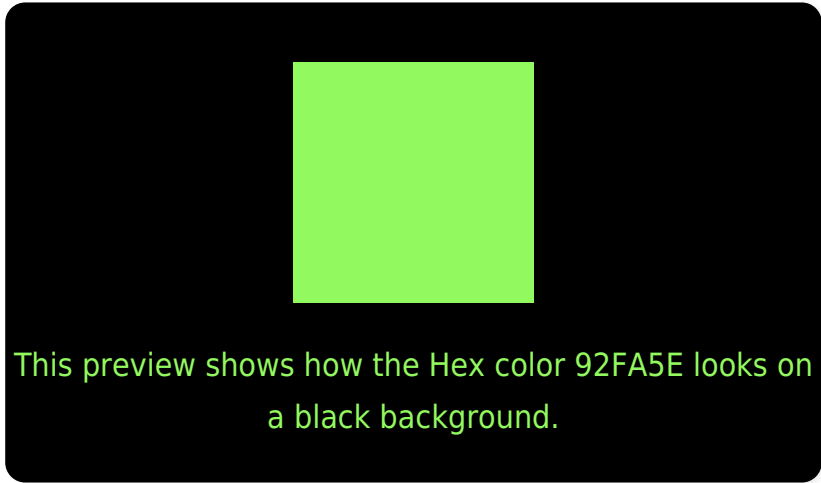
Large Text (above 18pt) WCAG AA × Fail

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

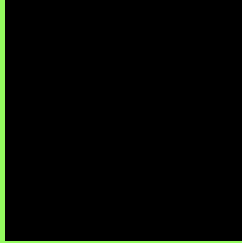
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 92FA5E Background



This preview shows how black text looks on a background with the Hex color 92FA5E.

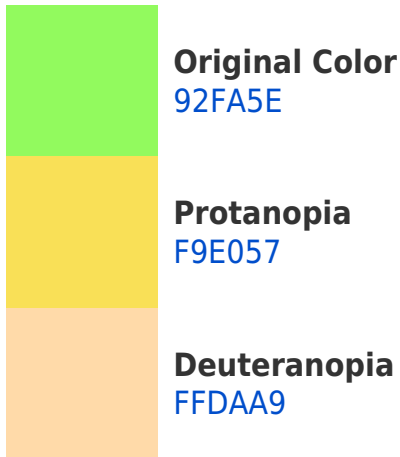


This preview shows how white text looks on a background with the Hex color 92FA5E.

# 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

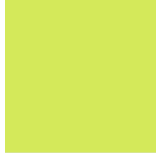




# Trichromacy



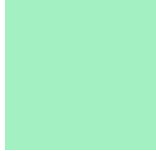
**Original Color**  
92FA5E



**Protanomaly**  
D4E95A

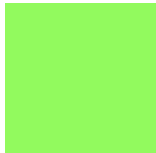


**Deuteranomaly**  
D7E68E

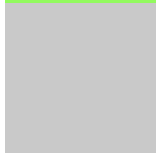


**Tritanomaly**  
A3F0C3

# Monochromacy



**Original Color**  
92FA5E



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
B5DBA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92FA5E 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 #92FA5E looks like.

```
.text, #text, p{  
    color:#92FA5E  
}
```

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 #92FA5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92FA5E
}
```

## Border

The CSS property to change the border of an element to Hex 92FA5E 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
#92FA5E }
```

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

```
.border{ border-color:#92FA5E }
```

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

Here you see how a box with a 4 pixel #92FA5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92FA5E; -webkit-box-shadow:4px 4px  
4px 4px #92FA5E; box-shadow:4px 4px 4px  
4px #92FA5E }
```

# Background

The CSS property to change the background color of an element to Hex 92FA5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92FA5E }
```

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

```
.background{ background-color:#92FA5E }
```

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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