

# Converting Colors

Hex(92E84F)

Have a look what the booklet for  
Hex(92E84F) contains.

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**Color**

**Hex(92E84F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E84F
RGB	146, 232, 79
RGB Percent	57%, 91%, 31%
CMY	0.4275, 0.0902, 0.6902
CMYK	0.37, 0.00, 0.66, 0.09
HSL	94°, 77%, 61%
HSV	94°, 66%, 91%
XYZ	42.1220, 64.3887, 17.6053
YIQ	188.8440, -2.1430, -65.8150

# Conversions

## Conversions Part 2

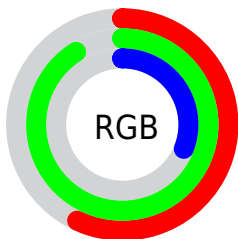
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 232, 165
Decimal	9627727
CIELab	84.17, -50.55, 63.75
CIElCh	84, 81.357, 128.415
Yxy	64.3887, 0.3394, 0.5188
Android (android.graphics.Color)	4287817807 (0xFF92E84F)
YUV	188.8440, -54.1531, -37.5742
Hunter-Lab	80.2426, -46.7241, 43.1615

# Details

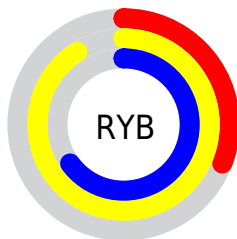
The Hex color **92E84F** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **A54FE8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CCFF87**, and **58B00A** is the 20% darker color. If you saturate the color by 10%, you get **85E838**, and if you desaturate by 10%, it is **9FE866**.

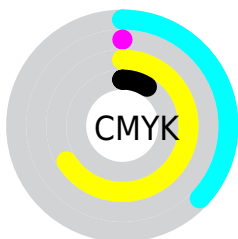
# Distribution



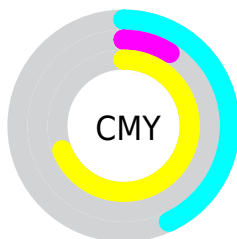
- Red (57%)
- Green (91%)
- Blue (31%)



- Red (31%)
- Yellow (91%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (66%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E84F 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 92E84F by changing the saturation by 10% instead.



 92E84F

 92E84F

FFFFFF

 75CC32


 CCFF87

 58B00A

 EAFFA3

 399500

 FFFFBF

 117A00

 FFFFDC

 006000

 FFFFFA

 004800

 003100

 001700

 000000

 92E84F

 92E84F

 85E838

 9FE866

 78E821

 ACE87D

 6BE809

 B9E895

 66E800

 C6E8AC

 D3E8C3

 E0E8DA

 EDE8F1

 FAE8FF

 FFE8FF

# Harmonies

## Analogous

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



E5D51E



92E84F



00F296

# Triad

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



92E84F



00E9FF



FF87BF

# Complementary

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



92E84F



A54FE8

# 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.



FF93FF



92E84F



46D4FF

# Square

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



92E84F



00F4FF



F1B4FF



FF9A76

# Rectangle

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



92E84F



00F6CB



F1B4FF



FF87D9

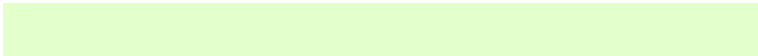


# Sweetspot

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



92E84F



E2FFCC



E8A34F



6E8061



000000



808080



# Same Dimension

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



92E84F



8EFF36



4FE857



6C7367



4EB300



163300



# Inverse Universe

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



A54FE8



A736FF



E84FE0



6E6773



6400B3

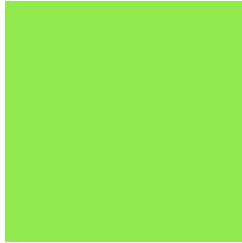


1D0033



# Previews

## White Background



This preview shows how the Hex color 92E84F looks on a white background.

## Color Contrast Check

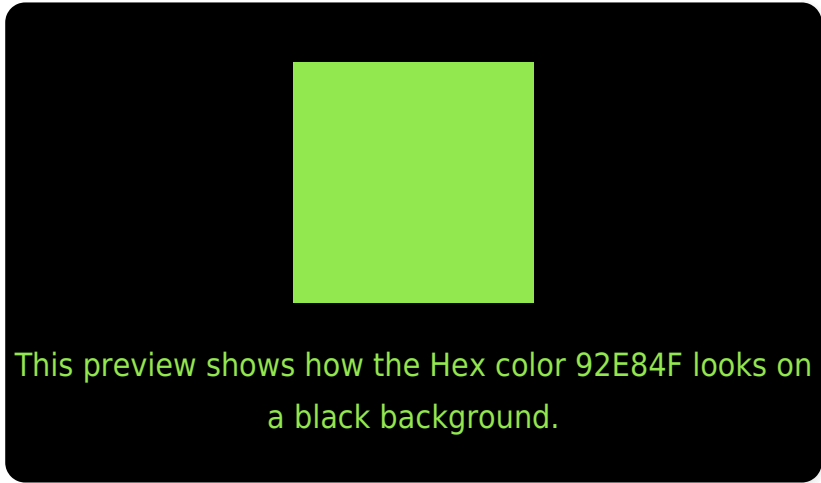
Large Text (above 18pt) WCAG AA × Fail

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 92E84F Background



This preview shows how black text looks on a background with the Hex color 92E84F.

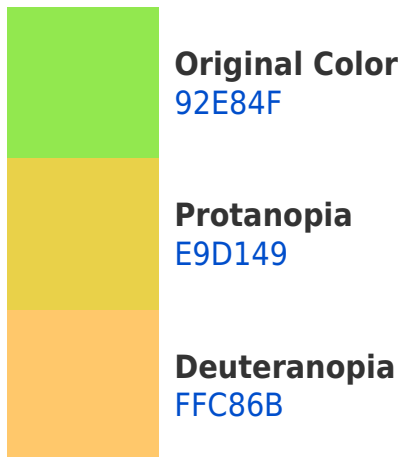


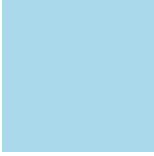
This preview shows how white text looks on a background with the Hex color 92E84F.

# 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](#).

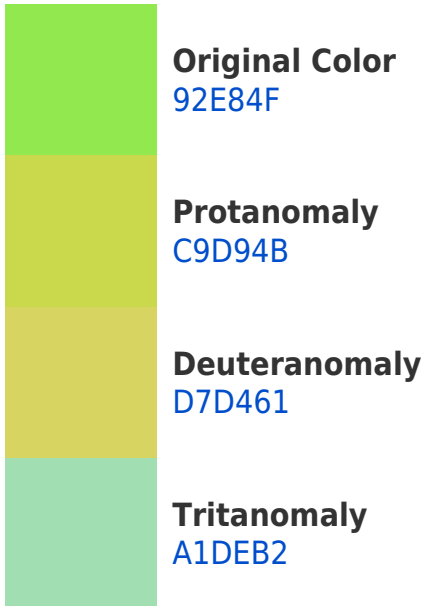
## Dichromacy



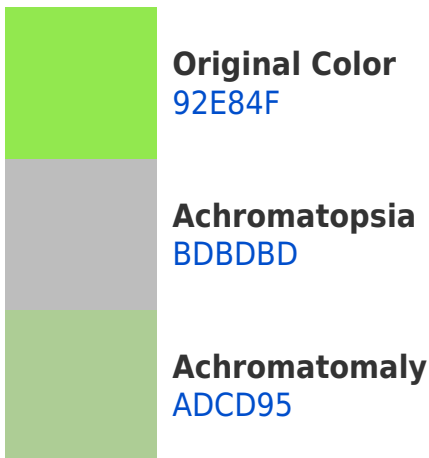


**Tritanopia**  
A9D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E84F 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 #92E84F looks like.

```
.text, #text, p{  
    color:#92E84F  
}
```

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 #92E84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E84F
}
```

## Border

The CSS property to change the border of an element to Hex 92E84F 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
#92E84F }
```

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

```
.border{ border-color:#92E84F }
```

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

Here you see how a box with a 4 pixel #92E84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E84F; -webkit-box-shadow:4px 4px  
4px 4px #92E84F; box-shadow:4px 4px 4px  
4px #92E84F }
```

# Background

The CSS property to change the background color of an element to Hex 92E84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E84F }
```

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

```
.background{ background-color:#92E84F }
```

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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