

# Converting Colors

Hex(92FA64)

Have a look what the booklet for  
Hex(92FA64) contains.

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**Color**

**Hex(92FA64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92FA64
RGB	146, 250, 100
RGB Percent	57%, 98%, 39%
CMY	0.4275, 0.0196, 0.6078
CMYK	0.42, 0.00, 0.60, 0.02
HSL	102°, 94%, 69%
HSV	102°, 60%, 98%
XYZ	48.3399, 75.4023, 24.0629
YIQ	201.8040, -13.8340, -68.6980

# Conversions

## Conversions Part 2

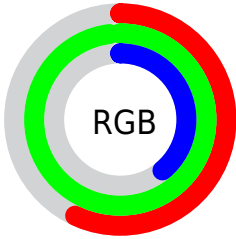
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 250, 204
Decimal	9632356
CIELab	89.58, -55.98, 61.12
CIELCh	90, 82.881, 132.488
Yxy	75.4023, 0.3271, 0.5101
Android (android.graphics.Color)	4287822436 (0xFF92FA64)
YUV	201.8040, -50.1894, -48.9401
Hunter-Lab	86.8345, -52.5912, 44.3542

# Details

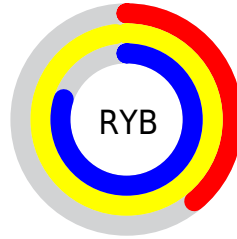
The Hex color **92FA64** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **CC64FA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CDFF9B**, and **56C12B** is the 20% darker color. If you saturate the color by 10%, you get **81FA4B**, and if you desaturate by 10%, it is **A3FA7D**.

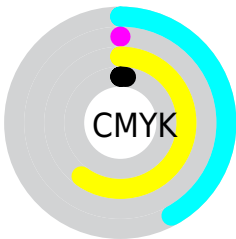
# Distribution



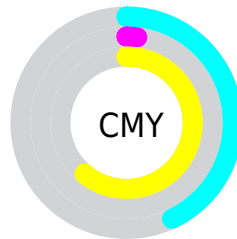
- Red (57%)
- Green (98%)
- Blue (39%)



- Red (39%)
- Yellow (98%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (60%)
- Black (2%)



- Cyan (43%)
- Magenta (2%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92FA64 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 92FA64 by changing the saturation by 10% instead.



 92FA64

 92FA64

FFFFFF

 74DD48

 CDFF9B

 56C12B

 EBFFB8

 35A500

 FFFFD4

 008A00

 FFFFF2

 007000

 005600

 003D00

 002700

 000000

 92FA64

 92FA64

 81FA4B

 A3FA7D

 6FFA32

 B5FA96

 5EFA19

 C6FAAF

 4DFA00

 D7FAC8

 E9FAE1

 FAFAFA

 FFFAFF

# Harmonies

## Analogous

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



EBE831



92FA64



00FFAF

# Triad

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



92FA64



00F7FF



FF96C3

# Complementary

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



92FA64



CC64FA

# 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.



FF9EFF



92FA64



80DFFF

# Square

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



92FA64



00FFFF



FFBEFF



FFAC79

# Rectangle

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



92FA64



00FFE6



FFBEFF



FF95DE

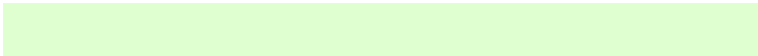


# Sweetspot

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



92FA64



DFFFD1



FACB64



6C8063



000000



808080



# Same Dimension

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



92FA64



80FF47



64FA7F



747D70



3ABD00



133D00



# Inverse Universe

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



CC64FA



C747FF



FA64DE



79707D



8300BD

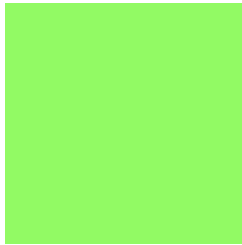


2A003D



# Previews

## White Background



This preview shows how the Hex color 92FA64 looks on a white background.

## Color Contrast Check

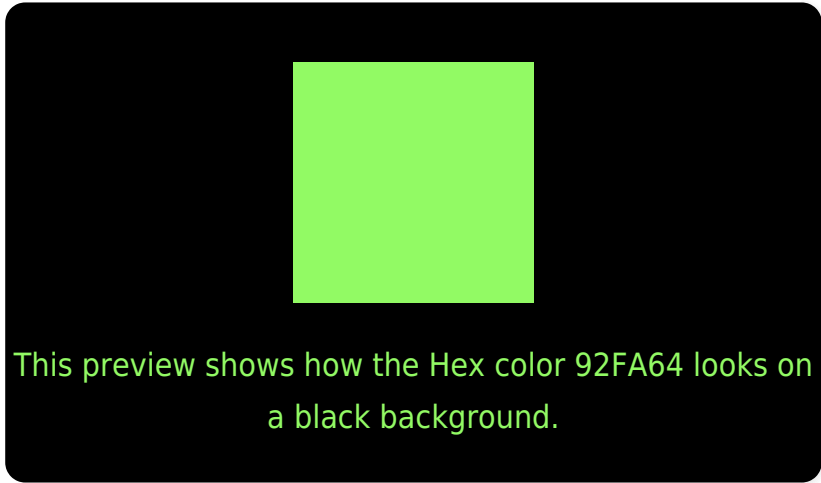
Large Text (above 18pt) WCAG AA × Fail

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 92FA64 Background



This preview shows how black text looks on a background with the Hex color 92FA64.

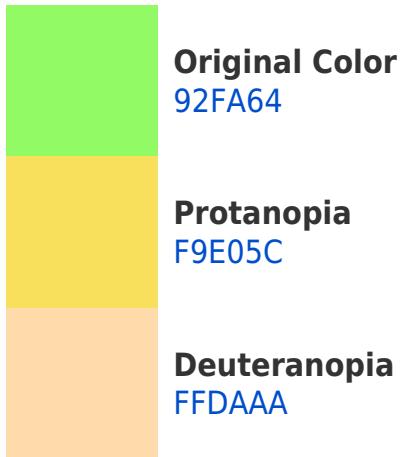


This preview shows how white text looks on a background with the Hex color 92FA64.

# Color Blindness Simulation

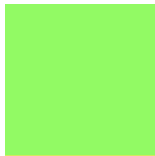
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





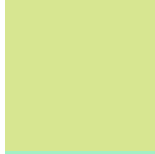
# Trichromacy



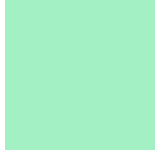
**Original Color**  
92FA64



**Protanomaly**  
D4E95F



**Deuteranomaly**  
D7E691

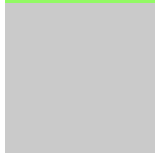


**Tritanomaly**  
A3F0C5

# Monochromacy



**Original Color**  
92FA64



**Achromatopsia**  
CACACA



**Achromatomaly**  
B6DBA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92FA64 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 #92FA64 looks like.

```
.text, #text, p{  
    color:#92FA64  
}
```

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 #92FA64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92FA64
}
```

## Border

The CSS property to change the border of an element to Hex 92FA64 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
#92FA64 }
```

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

```
.border{ border-color:#92FA64 }
```

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

Here you see how a box with a 4 pixel #92FA64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92FA64; -webkit-box-shadow:4px 4px  
4px 4px #92FA64; box-shadow:4px 4px 4px  
4px #92FA64 }
```

# Background

The CSS property to change the background color of an element to Hex 92FA64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92FA64 }
```

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

```
.background{ background-color:#92FA64 }
```

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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