

# Converting Colors

Hex(96F848)

Have a look what the booklet for  
Hex(96F848) contains.

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**Color**

**Hex(96F848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96F848
RGB	150, 248, 72
RGB Percent	59%, 97%, 28%
CMY	0.4118, 0.0275, 0.7176
CMYK	0.40, 0.00, 0.71, 0.03
HSL	93°, 93%, 63%
HSV	93°, 71%, 97%
XYZ	47.3148, 74.0867, 17.9373
YIQ	198.6340, -1.9120, -75.5120

# Conversions

## Conversions Part 2

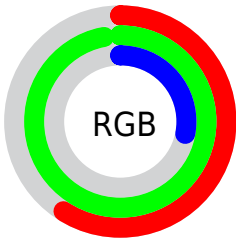
Format	Color
<b>RYB</b>	72, 248, 170
Decimal	9893960
CIELab	88.96, -56.16, 71.33
CIElCh	89, 90.788, 128.213
Yxy	74.0867, 0.3396, 0.5317
Android (android.graphics.Color)	4288084040 (0xFF96F848)
YUV	198.6340, -62.4306, -42.6520
Hunter-Lab	86.0736, -52.5072, 47.8958

# Details

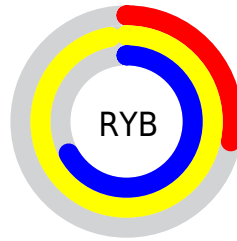
The Hex color **96F848** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **AA48F8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D2FF82**, and **5ABF00** is the 20% darker color. If you saturate the color by 10%, you get **88F82F**, and if you desaturate by 10%, it is **A4F861**.

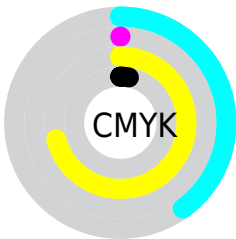
# Distribution



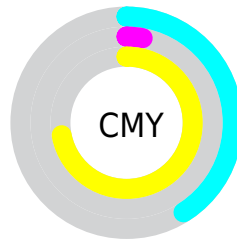
- Red (59%)
- Green (97%)
- Blue (28%)



- Red (28%)
- Yellow (97%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (71%)
- Black (3%)



- Cyan (41%)
- Magenta (3%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96F848 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 96F848 by changing the saturation by 10% instead.



 96F848

FFFFFF

 D2FF82

 F0FF9F

 FFFFBB

 FFFFD9

 FFFFF6

 96F848

 78DB27

 5ABF00

 39A300

 068800

 006E00

 005500

 003C00

 002500

 000000

 96F848

 96F848

 88F82F

 A4F861

 7AF816

 B2F87A

 6EF800

 BFF892

 CDF8AB

 DBF8C4

 E9F8DD

 F7F8F6

 FFF8FF

# Harmonies

## Analogous

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



F4E300



96F848



00FF9B

# Triad

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



96F848



00FAFF



FF87CB

# Complementary

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



96F848



AA48F8

# 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.



FF96FF



96F848



00E2FF

# Square

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



96F848



00FFFF



FFBDFD



FF9E78

# Rectangle

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



96F848



00FFD7



FFBDFE



FF87E8

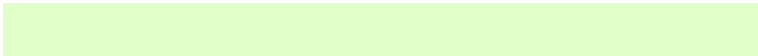


# Sweetspot

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



96F848



E1FFC9



F8A948



6E8060



000000



808080



# Same Dimension

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



96F848



86FF26



48F851



767D70



54BD00



1B3D00



# Inverse Universe

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



AA48F8



9F26FF



F848EF



77707D



6900BD

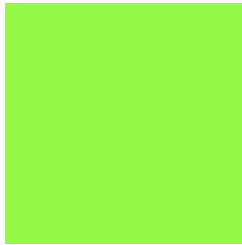


22003D



# Previews

## White Background



This preview shows how the Hex color 96F848 looks on a white background.

## Color Contrast Check

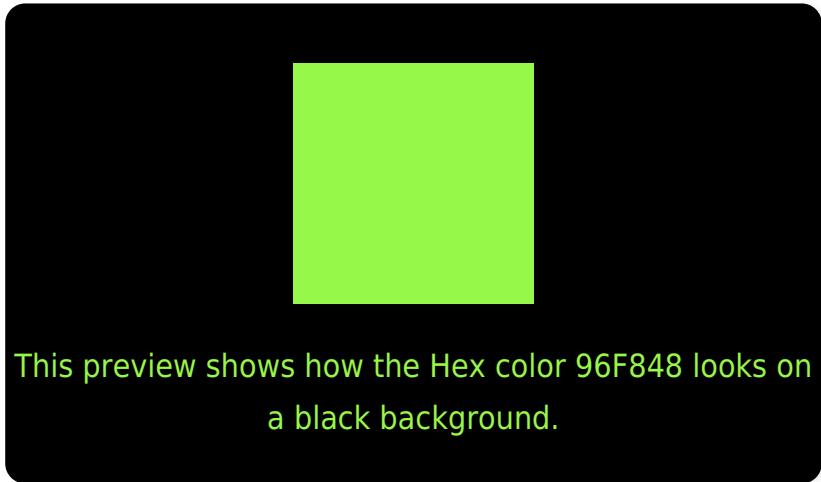
Large Text (above 18pt) WCAG AA × Fail

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

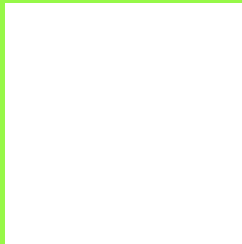
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96F848 Background



This preview shows how black text looks on a background with the Hex color 96F848.

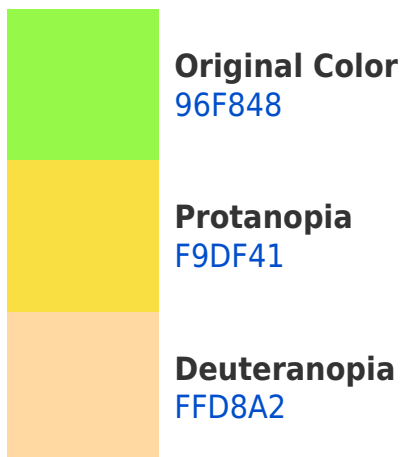


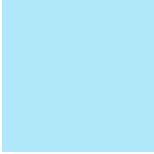
This preview shows how white text looks on a background with the Hex color 96F848.

# 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



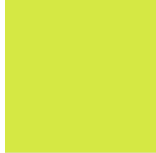


**Tritanopia**  
B0E8FA

# Trichromacy



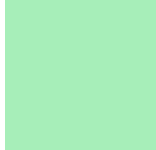
**Original Color**  
96F848



**Protanomaly**  
D5E844



**Deuteranomaly**  
D9E481

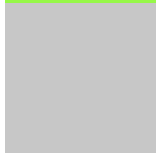


**Tritanomaly**  
A7EEB9

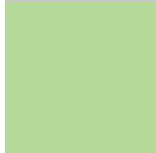
# Monochromacy



**Original Color**  
96F848



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B5D999

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96F848 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 #96F848 looks like.

```
.text, #text, p{  
    color:#96F848  
}
```

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 #96F848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96F848
}
```

## Border

The CSS property to change the border of an element to Hex 96F848 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
#96F848 }
```

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

```
.border{ border-color:#96F848 }
```

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

Here you see how a box with a 4 pixel #96F848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96F848; -webkit-box-shadow:4px 4px  
4px 4px #96F848; box-shadow:4px 4px 4px  
4px #96F848 }
```

# Background

The CSS property to change the background color of an element to Hex 96F848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96F848 }
```

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

```
.background{ background-color:#96F848 }
```

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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