

Converting Colors

Hex(99F865)

Have a look what the booklet for
Hex(99F865) contains.

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Color

Hex(99F865)

Conversions

Conversions Part 1

Format	Color
Hex	99F865
RGB	153, 248, 101
RGB Percent	60%, 97%, 40%
CMY	0.4000, 0.0275, 0.6039
CMYK	0.38, 0.00, 0.59, 0.03
HSL	99°, 91%, 68%
HSV	99°, 59%, 97%
XYZ	49.0532, 74.8467, 24.1734
YIQ	202.8370, -9.4330, -65.8570

Conversions

Conversions Part 2

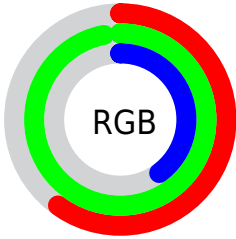
Format	Color
RYB	101, 248, 196
Decimal	10090597
CIELab	89.32, -52.91, 60.48
CIElCh	89, 80.359, 131.177
Yxy	74.8467, 0.3313, 0.5055
Android (android.graphics.Color)	4288280677 (0xFF99F865)
YUV	202.8370, -50.2056, -43.7070
Hunter-Lab	86.5140, -50.1904, 43.9932

Details

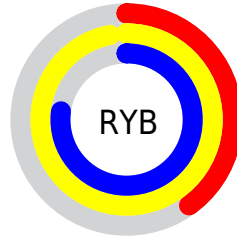
The Hex color **99F865** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C465F8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D4FF9C**, and **5FBF2C** is the 20% darker color. If you saturate the color by 10%, you get **89F84C**, and if you desaturate by 10%, it is **A9F87E**.

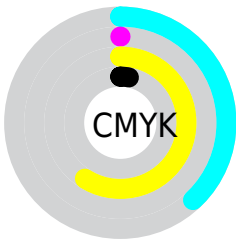
Distribution



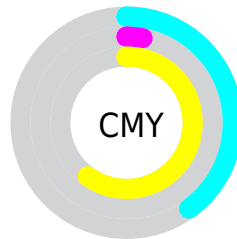
- Red (60%)
- Green (97%)
- Blue (40%)



- Red (40%)
- Yellow (97%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (59%)
- Black (3%)



- Cyan (40%)
- Magenta (3%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99F865 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 99F865 by changing the saturation by 10% instead.

 99F865

 99F865

FFFFFF

 7CDB49

 D4FF9C

 5FBF2C

 F2FFB8

 40A302

 FFFFD5

 1A8800

 FFFFF2

 006E00

 005500

 003C00

 002600

 000000

 99F865

 99F865

 89F84C

 A9F87E

 79F833

 B9F897

 69F81B

 C9F8AF

 59F802

 D9F8C8

 58F800

 E9F8E1

 F9F8FA

 FFF8FF

Harmonies

Analogous

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



EEE638



99F865



00FFAC

Triad

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



99F865



00F6FF



FF98C7

Complementary

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



99F865



C465F8

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.



FFA1FF



99F865



7CDFFF

Square

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



99F865



00FFFF



FFC0FF



FFAC7F

Rectangle

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



99F865



00FFE1



FFC0FF



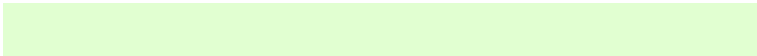
FF98E1

Sweetspot

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



99F865



E1FFD1



F8C265



6D8063



000000



808080

Same Dimension

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



99F865



8AFF4A



65F879



757D70



43BD00



163D00

Inverse Universe

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



C465F8



BF4AFF



F865E4



79707D



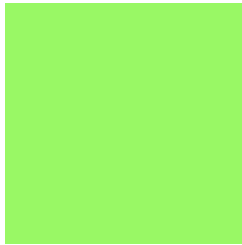
7A00BD



28003D

Previews

White Background



This preview shows how the Hex color 99F865 looks on a white background.

Color Contrast Check

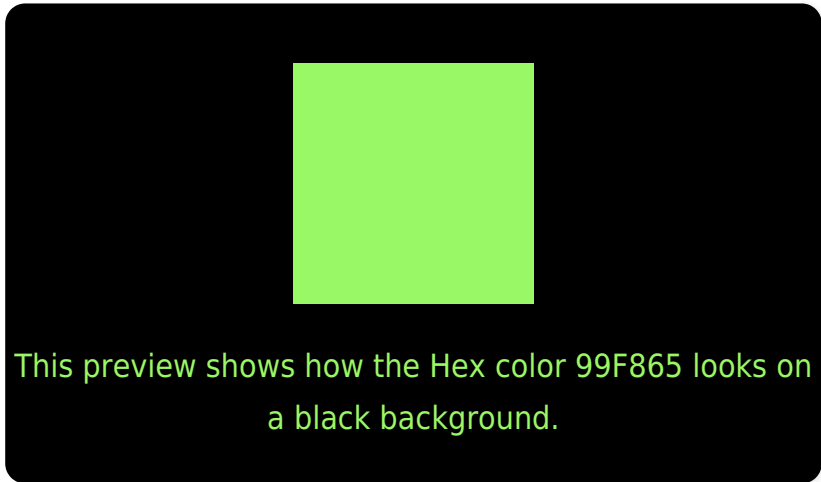
Large Text (above 18pt) WCAG AA × Fail

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 99F865 Background



This preview shows how black text looks on a background with the Hex color 99F865.

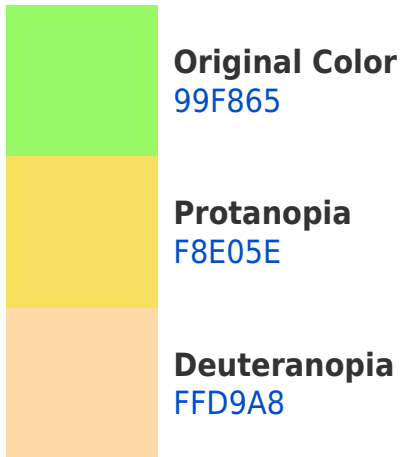


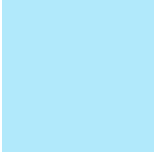
This preview shows how white text looks on a background with the Hex color 99F865.

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



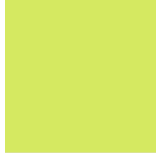


Tritanopia
B1E9FB

Trichromacy



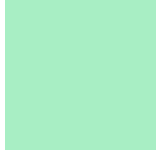
Original Color
99F865



Protanomaly
D5E961



Deuteranomaly
DAE490

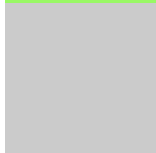


Tritanomaly
A8EEC4

Monochromacy



Original Color
99F865



Achromatopsia
CBCBCB



Achromatomaly
B9DBA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 99F865 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 #99F865 looks like.

```
.text, #text, p{  
    color:#99F865  
}
```

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 #99F865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99F865
}
```

Border

The CSS property to change the border of an element to Hex 99F865 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
#99F865 }
```

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

```
.border{ border-color:#99F865 }
```

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

Here you see how a box with a 4 pixel #99F865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99F865; -webkit-box-shadow:4px 4px  
4px 4px #99F865; box-shadow:4px 4px 4px  
4px #99F865 }
```

Background

The CSS property to change the background color of an element to Hex 99F865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99F865 }
```

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

```
.background{ background-color:#99F865 }
```

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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