

Converting Colors

Hex(87F961)

Have a look what the booklet for
Hex(87F961) contains.

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Color

Hex(87F961)

Conversions

Conversions Part 1

Format	Color
Hex	87F961
RGB	135, 249, 97
RGB Percent	53%, 98%, 38%
CMY	0.4706, 0.0235, 0.6196
CMYK	0.46, 0.00, 0.61, 0.02
HSL	105°, 93%, 68%
HSV	105°, 61%, 98%
XYZ	46.0250, 73.7653, 23.1216
YIQ	197.5860, -19.1520, -71.4400

Conversions

Conversions Part 2

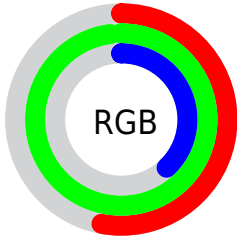
Format	Color
RYB	97, 249, 211
Decimal	8911201
CIELab	88.81, -59.14, 61.39
CIELCh	89, 85.241, 133.931
Yxy	73.7653, 0.3221, 0.5162
Android (android.graphics.Color)	4287101281 (0xFF87F961)
YUV	197.5860, -49.5889, -54.8879
Hunter-Lab	85.8867, -54.6471, 44.1592

Details

The Hex color **87F961** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D361F9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C3FF98**, and **49C027** is the 20% darker color. If you saturate the color by 10%, you get **74F948**, and if you desaturate by 10%, it is **9AF97A**.

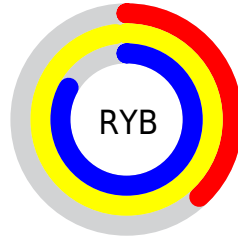
Distribution



Red (53%)

Green (98%)

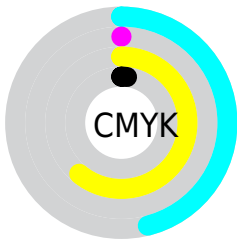
Blue (38%)



Red (38%)

Yellow (98%)

Blue (83%)

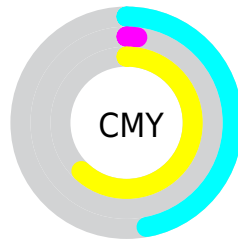


Cyan (46%)

Magenta (0%)

Yellow (61%)

Black (2%)



Cyan (47%)

Magenta (2%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87F961 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 87F961 by changing the saturation by 10% instead.

 87F961

 87F961

FFFFFF

 69DC45

 C3FF98

 49C027

 E1FFB5

 23A400

 FFFFD1

 008900

 FFFFEF

 006E00

 005500

 003C00

 002500

 000000

 87F961

 87F961

 74F948

 9AF97A

 62F92F

 ACF993

 4FF916

 BFF9AC

 3EF900

 D2F9C5

 E4F9DD

 F7F9F6

 FFF9FF

Harmonies

Analogous

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



E4E725



87F961



00FFAF

Triad

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



87F961



00F4FF



FF91BC

Complementary

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



87F961



D361F9

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.



FF98FF



87F961



81DBFF

Square

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



87F961



00FFFF



FFB8FF



FFA971

Rectangle

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



87F961



00FFE8



FFB8FF



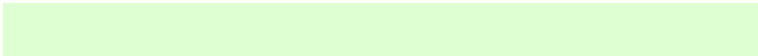
FF8FD8

Sweetspot

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



87F961



DFFFD1



F9D361



6A8063



000000



808080

Same Dimension

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



87F961



73FF45



61F987



747D70



2FBD00



0F3D00

Inverse Universe

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



D361F9



D045FF



F961D3



7A707D



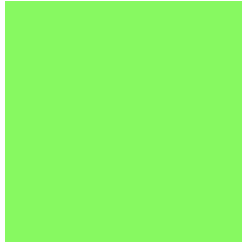
8E00BD



2E003D

Previews

White Background



This preview shows how the Hex color 87F961 looks on a white background.

Color Contrast Check

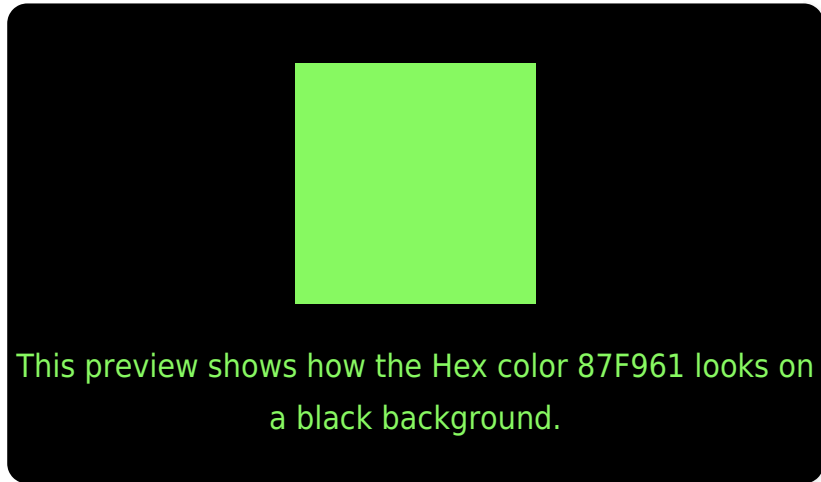
Large Text (above 18pt) WCAG AA × Fail

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

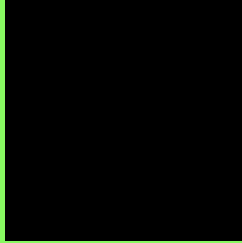
Any Text WCAG AA ✓ Pass

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 87F961 Background



This preview shows how black text looks on a background with the Hex color 87F961.

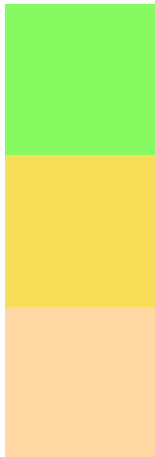


This preview shows how white text looks on a background with the Hex color 87F961.

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](#).

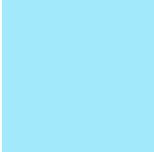
Dichromacy



Original Color
87F961

Protanopia
F7DE59

Deuteranopia
FFD7A3

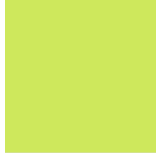


Tritanopia
A3E9FC

Trichromacy



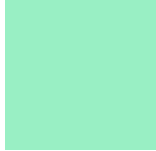
Original Color
87F961



Protanomaly
CEE85C



Deuteranomaly
D3E38B

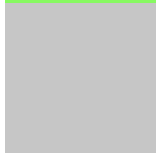


Tritanomaly
99EFC4

Monochromacy



Original Color
87F961



Achromatopsia
C6C6C6



Achromatomaly
AFD9A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 87F961 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 #87F961 looks like.

```
.text, #text, p{  
    color:#87F961  
}
```

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 #87F961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F961
}
```

Border

The CSS property to change the border of an element to Hex 87F961 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
#87F961 }
```

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

```
.border{ border-color:#87F961 }
```

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

Here you see how a box with a 4 pixel #87F961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F961; -webkit-box-shadow:4px 4px  
4px 4px #87F961; box-shadow:4px 4px 4px  
4px #87F961 }
```

Background

The CSS property to change the background color of an element to Hex 87F961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F961 }
```

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

```
.background{ background-color:#87F961 }
```

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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