

Converting Colors

Hex(91F86F)

Have a look what the booklet for
Hex(91F86F) contains.

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Color

Hex(91F86F)

Conversions

Conversions Part 1

Format	Color
Hex	91F86F
RGB	145, 248, 111
RGB Percent	57%, 97%, 44%
CMY	0.4314, 0.0275, 0.5647
CMYK	0.42, 0.00, 0.55, 0.03
HSL	105°, 91%, 70%
HSV	105°, 55%, 97%
XYZ	48.1137, 74.3022, 26.8448
YIQ	201.5850, -17.4110, -64.4430

Conversions

Conversions Part 2

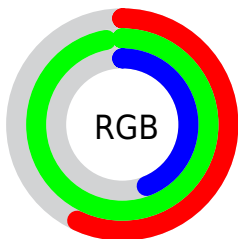
Format	Color
RYB	111, 248, 214
Decimal	9566319
CIELab	89.07, -54.38, 55.74
CIELCh	89, 77.871, 134.294
Yxy	74.3022, 0.3223, 0.4978
Android (android.graphics.Color)	4287756399 (0xFF91F86F)
YUV	201.5850, -44.6584, -49.6250
Hunter-Lab	86.1987, -51.2142, 41.8745

Details

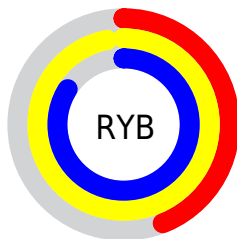
The Hex color **91F86F** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D66FF8**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CCFFA6**, and **56BF39** is the 20% darker color. If you saturate the color by 10%, you get **7EF856**, and if you desaturate by 10%, it is **A4F888**.

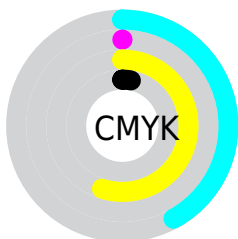
Distribution



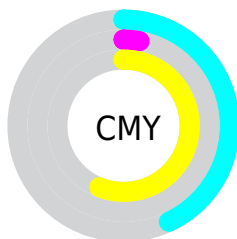
- Red (57%)
- Green (97%)
- Blue (44%)



- Red (44%)
- Yellow (97%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (55%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91F86F 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 91F86F by changing the saturation by 10% instead.

 91F86F

FFFFFF

 CCFFA6

 EAFFC2

 FFFFDF


 FFFFFC

 91F86F

 74DB54

 56BF39

 36A31A

 048800

 006E00

 005500

 003C00

 002500

 000000

 91F86F

 91F86F

 7EF856

 A4F888

 6CF83D

 B6F8A1

 59F825

 C9F8B9

 46F80C

 DCF8D2

 3EF800

 EEF8EB

 FFF8FF

Harmonies

Analogous

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



E5E741



91F86F



00FFB5

Triad

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



91F86F



00F3FF



FF9CBF

Complementary

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



91F86F



D66FF8

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



91F86F



96DCFF

Square

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



91F86F



00FFFF



FFBDFD



FFB07B

Rectangle

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



91F86F



00FFE9



FFBDFE



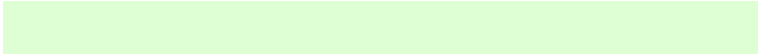
FF9AD8

Sweetspot

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



91F86F



DEFFD4



F8D66F



6C8066



000000



808080

Same Dimension

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



91F86F



80FF57



6FF891



747D70



2FBD00



0F3D00

Inverse Universe

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



D66FF8



D557FF



F86FD6



7A707D



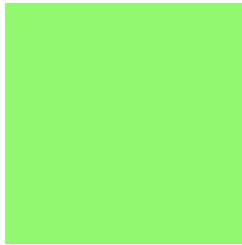
8E00BD



2E003D

Previews

White Background



This preview shows how the Hex color 91F86F looks on a white background.

Color Contrast Check

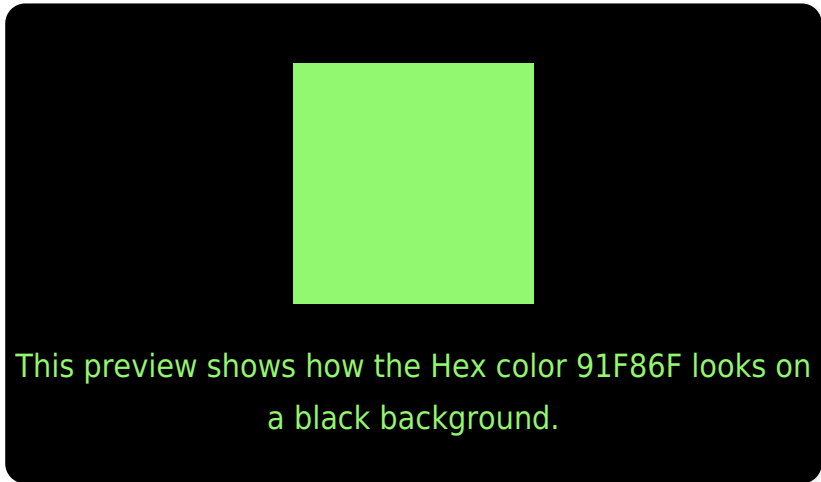
Large Text (above 18pt) WCAG AA × Fail

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

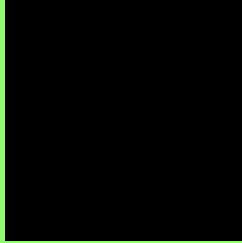
Any Text WCAG AA ✓ Pass

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 91F86F Background



This preview shows how black text looks on a background with the Hex color 91F86F.

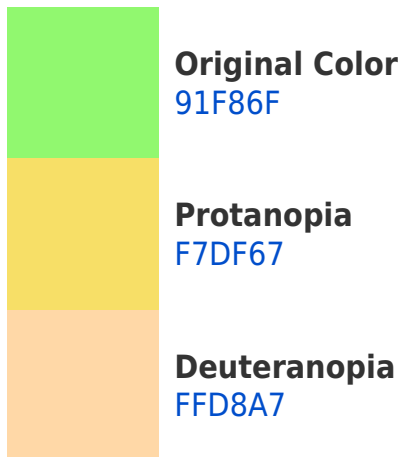


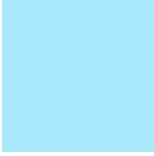
This preview shows how white text looks on a background with the Hex color 91F86F.

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



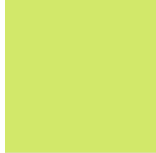


Tritanopia
AAE9FC

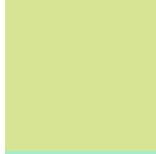
Trichromacy



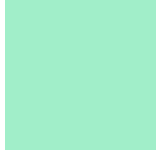
Original Color
91F86F



Protanomaly
D2E86A

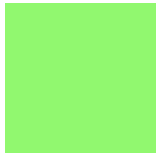


Deuteranomaly
D7E493

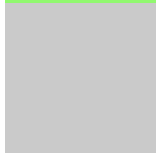


Tritanomaly
A1EEC9

Monochromacy



Original Color
91F86F



Achromatopsia
CACACA



Achromatomaly
B5DBA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 91F86F 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 #91F86F looks like.

```
.text, #text, p{  
    color:#91F86F  
}
```

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 #91F86F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F86F
}
```

Border

The CSS property to change the border of an element to Hex 91F86F 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
#91F86F }
```

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

```
.border{ border-color:#91F86F }
```

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

Here you see how a box with a 4 pixel #91F86F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F86F; -webkit-box-shadow:4px 4px  
4px 4px #91F86F; box-shadow:4px 4px 4px  
4px #91F86F }
```

Background

The CSS property to change the background color of an element to Hex 91F86F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F86F }
```

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

```
.background{ background-color:#91F86F }
```

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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