

Converting Colors

Hex(87FF91)

Have a look what the booklet for
Hex(87FF91) contains.

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Color

Hex(87FF91)

Conversions

Conversions Part 1

Format	Color
Hex	87FF91
RGB	135, 255, 145
RGB Percent	53%, 100%, 57%
CMY	0.4706, 0.0000, 0.4314
CMYK	0.47, 0.00, 0.43, 0.00
HSL	125°, 100%, 76%
HSV	125°, 47%, 100%
XYZ	50.8625, 78.7152, 39.3009
YIQ	206.5800, -36.2100, -59.6500

Conversions

Conversions Part 2

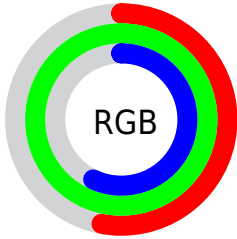
Format	Color
RYB	135, 246, 255
Decimal	8912785
CIELab	91.11, -55.73, 42.26
CIElCh	91, 69.940, 142.822
Yxy	78.7152, 0.3012, 0.4661
Android (android.graphics.Color)	4287102865 (0xFF87FF91)
YUV	206.5800, -30.3589, -62.7757
Hunter-Lab	88.7216, -52.9320, 35.8415

Details

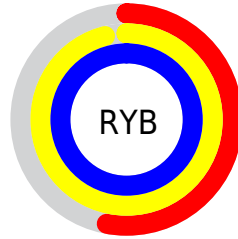
The Hex color **87FF91** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF87F5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C2FFC8**, and **4AC55D** is the 20% darker color. If you saturate the color by 10%, you get **6EFF7A**, and if you desaturate by 10%, it is **A1FFA8**.

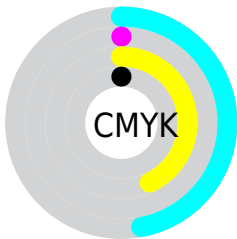
Distribution



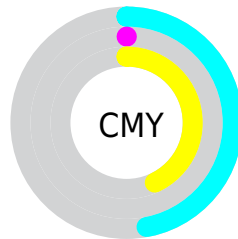
- Red (53%)
- Green (100%)
- Blue (57%)



- Red (53%)
- Yellow (96%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87FF91 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 87FF91 by changing the saturation by 10% instead.

 87FF91

 87FF91

FFFFFF

 69E276

 C2FFC8

 4AC55D

 E0FFE5

 26A943

FEFFFF

 008E2A

 00740D

 005A00

 004100

 002B00

 000800

 87FF91

 87FF91

 6EFF7A

 A1FFA8

 54FF62

 BAFFC0

 3AFF4B

 D4FFD7

 21FF34

 EDFFE7

 08FF1C

FFFFFF

 00FF15

Harmonies

Analogous

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



D9F163



87FF91



00FFD3

Triad

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



87FF91



00F2FF



FFAEB5

Complementary

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



87FF91



FF87F5

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.



FFACF9



87FF91



CEDAFF

Square

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



87FF91



00FFFF



FFBFFF



FFC37C

Rectangle

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



87FF91



00FFFF



FFBFFF



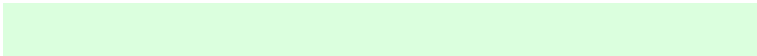
FFABCB

Sweetspot

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



87FF91



DBFFDE



F5FF87



6A806C



000000



808080

Same Dimension

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



87FF91



70FF7C



87FFCD



738074



00BF10



004005

Inverse Universe

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



FF87F5



FF70F3



FF87B9



80737E



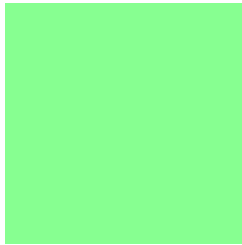
BF00AF



40003A

Previews

White Background



This preview shows how the Hex color 87FF91 looks on a white background.

Color Contrast Check

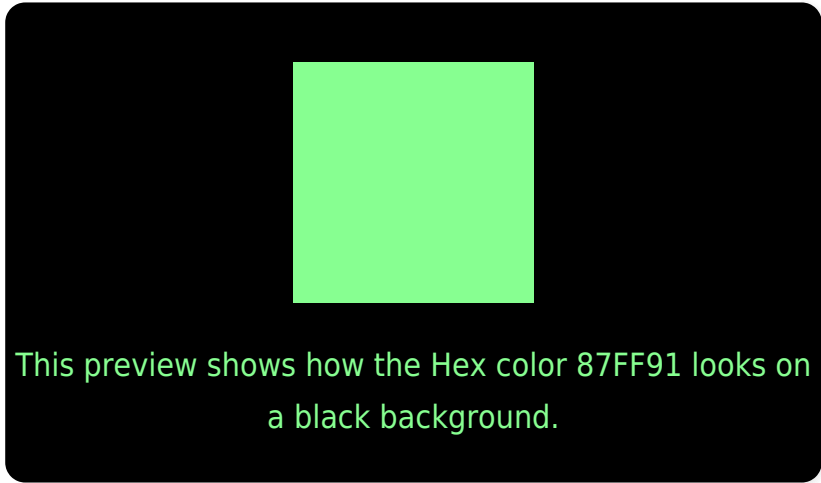
Large Text (above 18pt) WCAG AA × Fail

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

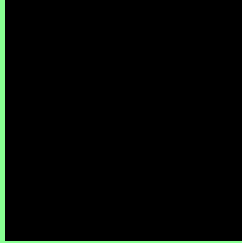
Any Text WCAG AA ✓ Pass

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 87FF91 Background



This preview shows how black text looks on a background with the Hex color 87FF91.

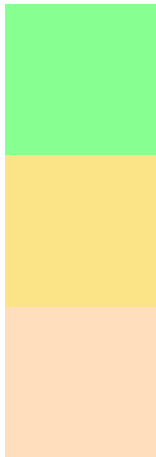


This preview shows how white text looks on a background with the Hex color 87FF91.

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](#).

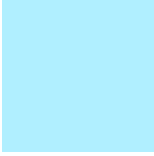
Dichromacy



Original Color
87FF91

Protanopia
FAE487

Deuteranopia
FFDEBE

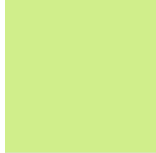


Tritanopia
B0EFFF

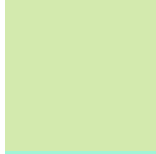
Trichromacy



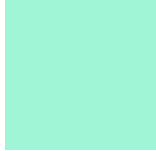
Original Color
87FF91



Protanomaly
D0EE8B

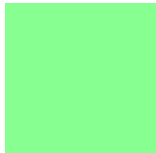


Deuteranomaly
D3EAAE

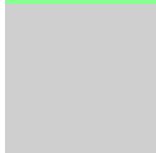


Tritanomaly
A1F5D7

Monochromacy



Original Color
87FF91



Achromatopsia
CFCFCF



Achromatomaly
B5E0B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 87FF91 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 #87FF91 looks like.

```
.text, #text, p{  
    color:#87FF91  
}
```

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 #87FF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87FF91
}
```

Border

The CSS property to change the border of an element to Hex 87FF91 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
#87FF91 }
```

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

```
.border{ border-color:#87FF91 }
```

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

Here you see how a box with a 4 pixel #87FF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87FF91; -webkit-box-shadow:4px 4px  
4px 4px #87FF91; box-shadow:4px 4px 4px  
4px #87FF91 }
```

Background

The CSS property to change the background color of an element to Hex 87FF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87FF91 }
```

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

```
.background{ background-color:#87FF91 }
```

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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