

Converting Colors

Hex(96FD83)

Have a look what the booklet for
Hex(96FD83) contains.

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Color

Hex(96FD83)

Conversions

Conversions Part 1

Format	Color
Hex	96FD83
RGB	150, 253, 131
RGB Percent	59%, 99%, 51%
CMY	0.4118, 0.0078, 0.4863
CMYK	0.41, 0.00, 0.48, 0.01
HSL	111°, 97%, 75%
HSV	111°, 48%, 99%
XYZ	51.7997, 78.3733, 33.8702
YIQ	208.2950, -22.2260, -59.7780

Conversions

Conversions Part 2

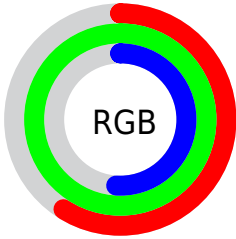
Format	Color
RYB	131, 253, 234
Decimal	9895299
CIELab	90.95, -52.58, 48.88
CIELCh	91, 71.792, 137.086
Yxy	78.3733, 0.3158, 0.4778
Android (android.graphics.Color)	4288085379 (0xFF96FD83)
YUV	208.2950, -38.1064, -51.1247
Hunter-Lab	88.5287, -50.4817, 39.2863

Details

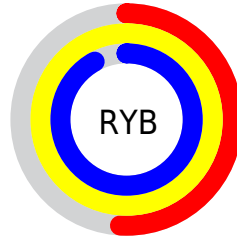
The Hex color **96FD83** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA83FD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D0FFBA**, and **5CC44E** is the 20% darker color. If you saturate the color by 10%, you get **81FD6A**, and if you desaturate by 10%, it is **ABFD9C**.

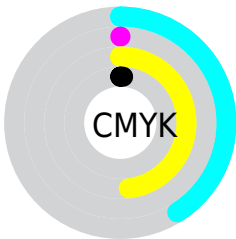
Distribution



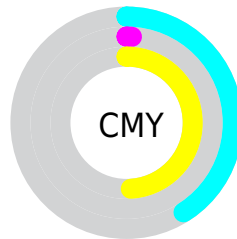
- Red (59%)
- Green (99%)
- Blue (51%)



- Red (51%)
- Yellow (99%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)



- Cyan (41%)
- Magenta (1%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96FD83 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 96FD83 by changing the saturation by 10% instead.

 96FD83

 96FD83

FFFFFF

 79E068

 D0FFBA

 5CC44E

 EEFFD6

 3DA834

 FFFFF3

 178D17

 007200

 005900

 004000

 002A00

 000600

 96FD83

 96FD83

 81FD6A

 ABFD9C

 6BFD50

 C1FDB6

 56FD37

 D6FDCF

 41FD1E

 EBFDE8

 2BFD05

FFFDFE

 27FD00

Harmonies

Analogous

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



E6EE59



96FD83



00FFC4

Triad

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



96FD83



00F5FF



FFAAC0

Complementary

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



96FD83



EA83FD

Split Complementary

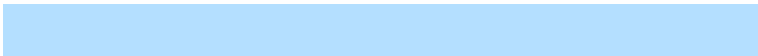
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFACFF



96FD83



B4DFFF

Square

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



96FD83



00FFFF



FFC3FF



FFBD83

Rectangle

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



96FD83



00FFF4



FFC3FF



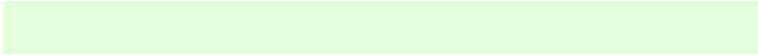
FFA8D7

Sweetspot

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



96FD83



E1FFDB



FDE983



6D806A



000000



808080

Same Dimension

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



96FD83



82FF6B



83FDAC



758073



1EBF00



0A4000

Inverse Universe

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



EA83FD



E86BFF



FD83D4



7E7380



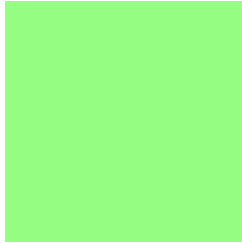
A100BF



360040

Previews

White Background



This preview shows how the Hex color 96FD83 looks on a white background.

Color Contrast Check

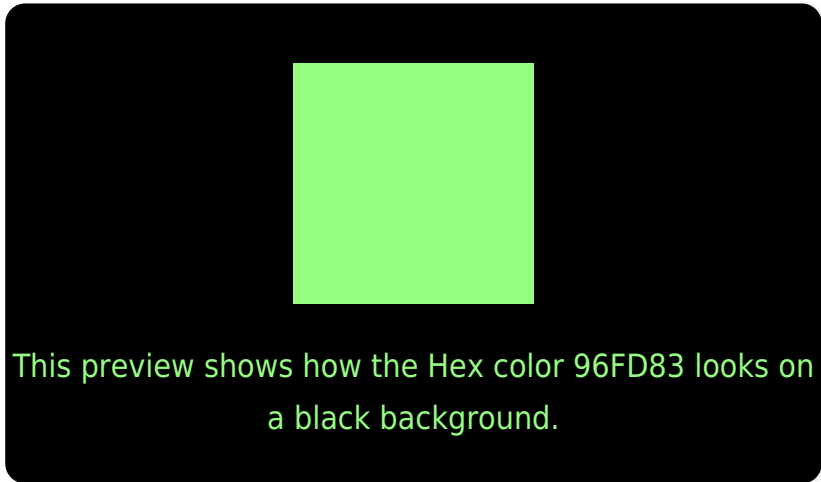
Large Text (above 18pt) WCAG AA × Fail

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 96FD83 Background



This preview shows how black text looks on a background with the Hex color 96FD83.

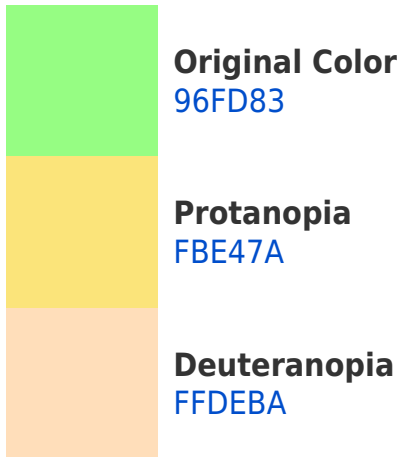


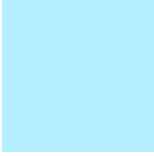
This preview shows how white text looks on a background with the Hex color 96FD83.

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



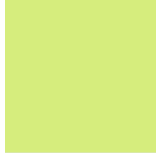


Tritanopia
B4EEFF

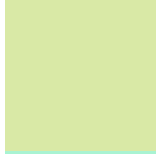
Trichromacy



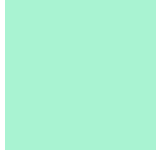
Original Color
96FD83



Protanomaly
D6ED7D

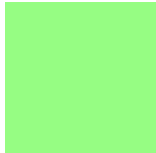


Deuteranomaly
D9E9A6

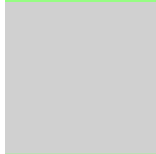


Tritanomaly
A9F3D2

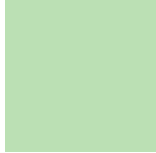
Monochromacy



Original Color
96FD83



Achromatopsia
D0D0D0



Achromatomaly
BBE0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 96FD83 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 #96FD83 looks like.

```
.text, #text, p{  
    color:#96FD83  
}
```

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 #96FD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96FD83
}
```

Border

The CSS property to change the border of an element to Hex 96FD83 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
#96FD83 }
```

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

```
.border{ border-color:#96FD83 }
```

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

Here you see how a box with a 4 pixel #96FD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96FD83; -webkit-box-shadow:4px 4px  
4px 4px #96FD83; box-shadow:4px 4px 4px  
4px #96FD83 }
```

Background

The CSS property to change the background color of an element to Hex 96FD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96FD83 }
```

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

```
.background{ background-color:#96FD83 }
```

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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