

Converting Colors

Hex(95FDBA)

Have a look what the booklet for
Hex(95FDBA) contains.

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Color

Hex(95FDBA)

Conversions

Conversions Part 1

Format	Color
Hex	95FDBA
RGB	149, 253, 186
RGB Percent	58%, 99%, 73%
CMY	0.4157, 0.0078, 0.2706
CMYK	0.41, 0.00, 0.26, 0.01
HSL	141°, 96%, 79%
HSV	141°, 41%, 99%
XYZ	56.3826, 80.1853, 58.9600
YIQ	214.2660, -40.4770, -42.8850

Conversions

Conversions Part 2

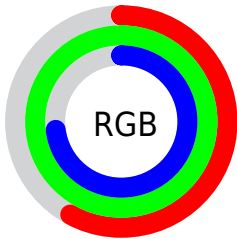
Format	Color
RYB	149, 226, 253
Decimal	9829818
CIELab	91.77, -44.40, 22.79
CIELCh	92, 49.906, 152.827
Yxy	80.1853, 0.2884, 0.4101
Android (android.graphics.Color)	4288019898 (0xFF95FDBA)
YUV	214.2660, -13.9351, -57.2383
Hunter-Lab	89.5462, -44.3137, 23.6440

Details

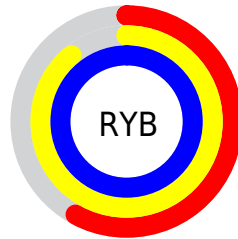
The Hex color **95FDBA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD95D8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **CFFFF2**, and **5CC485** is the 20% darker color. If you saturate the color by 10%, you get **7CFDAA**, and if you desaturate by 10%, it is **AEFDCA**.

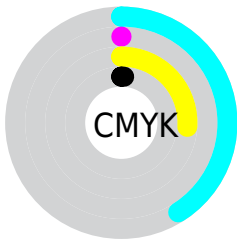
Distribution



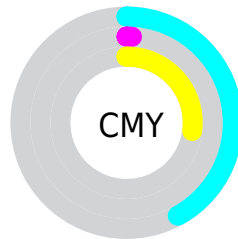
- Red (58%)
- Green (99%)
- Blue (73%)



- Red (58%)
- Yellow (89%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)



- Cyan (42%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95FDBA 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 95FDBA by changing the saturation by 10% instead.

 95FDBA

 95FDBA

FFFFFF

 79E09F

 CFFFF2

 5CC485

 ECFFFF

 3FA86B

 1C8D53

 00733B

 005A24

 00410E

 002B00

 000C00

 95FDBA

 95FDBA

 7CFDAA

 AEFDCA

 62FD99

 C8FDDB

 49FD89

 E1FDEB

 30FD79

 FAFDFB

 16FD69

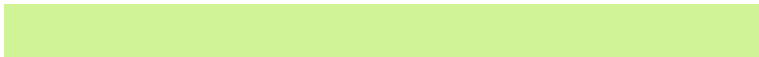
 FFFDFF

 00FD5A

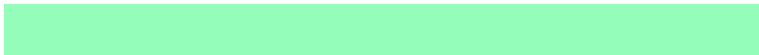
Harmonies

Analogous

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



D0F495



95FDBA



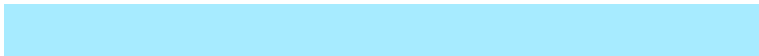
4CFFEA

Triad

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



95FDBA



A7EBFF



FFC7B6

Complementary

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



95FDBA



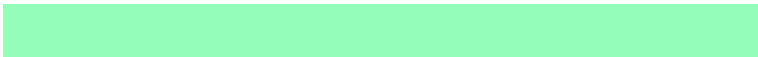
FD95D8

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.



`FFC1E5`



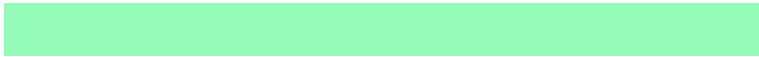
`95FDBA`



`F3D9FF`

Square

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



95FDBA



47F8FF



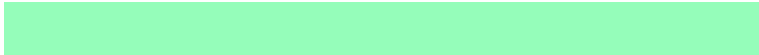
FFC9FF



FFD593

Rectangle

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



95FDBA



00FFFF



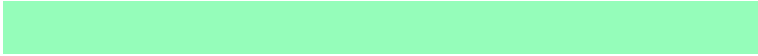
FFC9FF



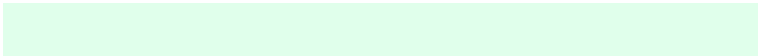
FFC4C5

Sweetspot

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



95FDBA



E0FFEB



D9FD95



6E8074



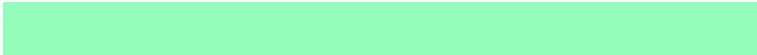
000000



808080

Same Dimension

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



95FDBA



82FFAF



95FDED



738077



00BF44



004017

Inverse Universe

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



FD95D8



FF82D3



FD95A5



80737B



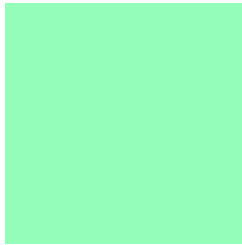
BF007B



400029

Previews

White Background



This preview shows how the Hex color 95FDBA looks on a white background.

Color Contrast Check

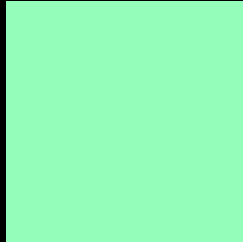
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 95FDBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

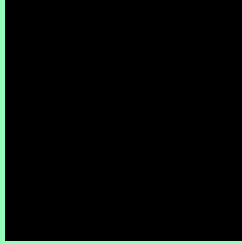
Any Text WCAG AA ✓ Pass

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 95FDBA Background



This preview shows how black text looks on a background with the Hex color 95FDBA.

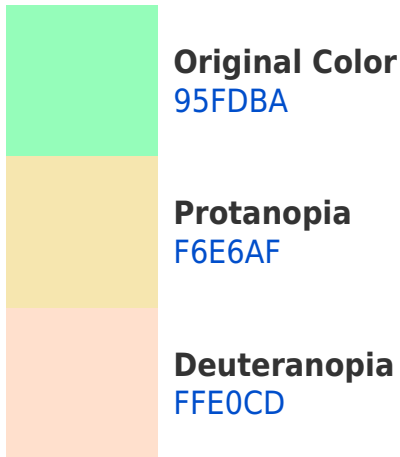


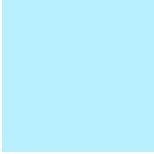
This preview shows how white text looks on a background with the Hex color 95FDBA.

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



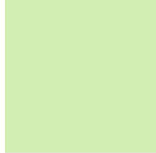


Tritanopia
B9F0FF

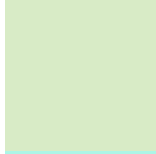
Trichromacy



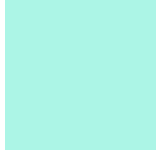
Original Color
95FDBA



Protanomaly
D3EEB3

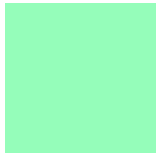


Deuteranomaly
D8EBC6

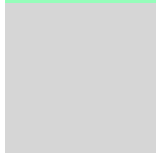


Tritanomaly
ACF5E6

Monochromacy



Original Color
95FDBA



Achromatopsia
D6D6D6



Achromatomaly
BEE4CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 95FDBA 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 #95FDBA looks like.

```
.text, #text, p{  
    color:#95FDBA  
}
```

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 #95FDBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95FDBA
}
```

Border

The CSS property to change the border of an element to Hex 95FDBA 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
#95FDBA }
```

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

```
.border{ border-color:#95FDBA }
```

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

Here you see how a box with a 4 pixel #95FDBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95FDBA; -webkit-box-shadow:4px 4px  
4px 4px #95FDBA; box-shadow:4px 4px 4px  
4px #95FDBA }
```

Background

The CSS property to change the background color of an element to Hex 95FDBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95FDBA }
```

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

```
.background{ background-color:#95FDBA }
```

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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