

Converting Colors

Hex(93FFC3)

Have a look what the booklet for
Hex(93FFC3) contains.

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Color

Hex(93FFC3)

Conversions

Conversions Part 1

Format	Color
Hex	93FFC3
RGB	147, 255, 195
RGB Percent	58%, 100%, 76%
CMY	0.4235, 0.0000, 0.2353
CMYK	0.42, 0.00, 0.24, 0.00
HSL	147°, 100%, 79%
HSV	147°, 42%, 100%
XYZ	57.6429, 81.6632, 64.3542
YIQ	215.8680, -45.1080, -41.5560

Conversions

Conversions Part 2

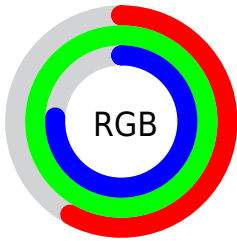
Format	Color
RYB	147, 222, 255
Decimal	9699267
CIELab	92.43, -44.13, 19.10
CIElCh	92, 48.083, 156.597
Yxy	81.6632, 0.2830, 0.4010
Android (android.graphics.Color)	4287889347 (0xFF93FFC3)
YUV	215.8680, -10.2879, -60.3972
Hunter-Lab	90.3677, -44.2834, 21.0347

Details

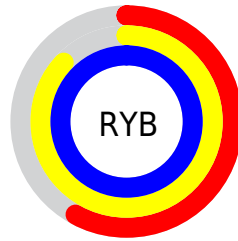
The Hex color **93FFC3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF93CF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **CDFFFC**, and **5AC68D** is the 20% darker color. If you saturate the color by 10%, you get **7AFFB5**, and if you desaturate by 10%, it is **ACFFD1**.

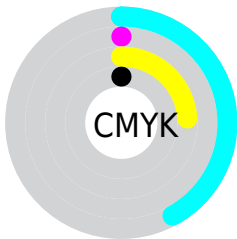
Distribution



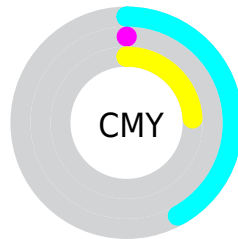
- Red (58%)
- Green (100%)
- Blue (76%)



- Red (58%)
- Yellow (87%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93FFC3 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 93FFC3 by changing the saturation by 10% instead.

 93FFC3

 93FFC3

FFFFFF

 76E2A8

 CDFFFC

 5AC68D

 EAFFFF

 3BAA73

 158F5B

 007543

 005B2C

 004317

 002C00

 001000

 93FFC3

 93FFC3

 7AFFB5

 ACFFD1

 60FFA7

 C6FFDF

 46FF98

 E0FFED

 2DFF8A

 F9FFFC

 13FF7C

FFFFFF

 00FF71

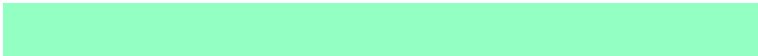
Harmonies

Analogous

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



CCF79D



93FFC3



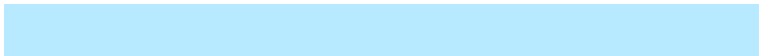
50FFF2

Triad

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



93FFC3



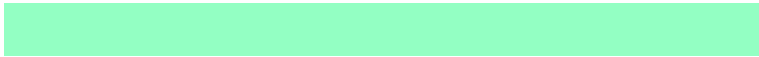
B7EAFB



FFCBB4

Complementary

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



93FFC3



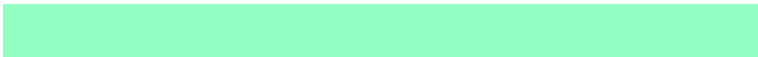
FF93CF

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.



FFC5E1



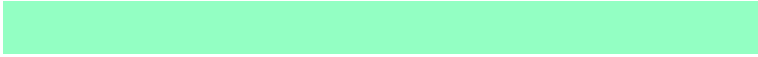
93FFC3



FCDAFF

Square

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



93FFC3



64F8FF



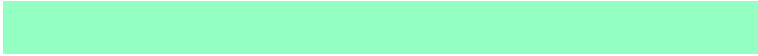
FFCBFF



FFDA95

Rectangle

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



93FFC3



1EFFFF



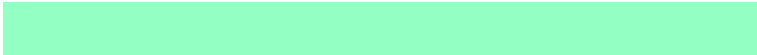
FFCBFF



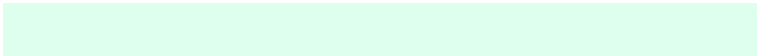
FFC8C2

Sweetspot

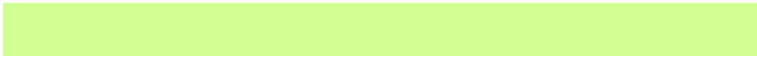
The Sweet Spot groups the original color and five complimentary colors.



93FFC3



DEFFED



D0FF93



6B8074



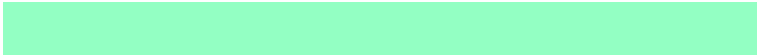
000000



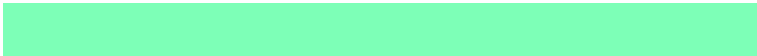
808080

Same Dimension

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



93FFC3



7DFFB7



93FFF8



738078



00BF55



00401C

Inverse Universe

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



FF93CF



FF7DC5



FF939A



80737A



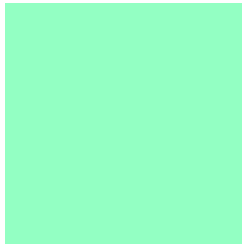
BF006A



400023

Previews

White Background



This preview shows how the Hex color 93FFC3 looks on a white background.

Color Contrast Check

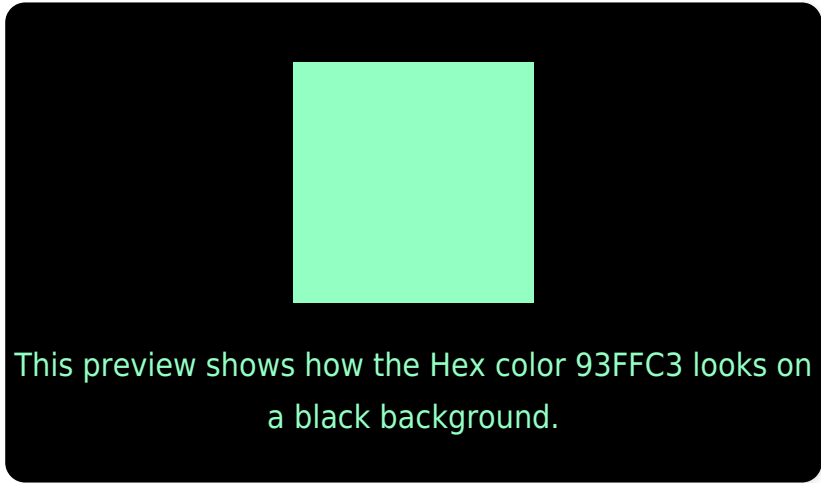
Large Text (above 18pt) WCAG AA × Fail

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

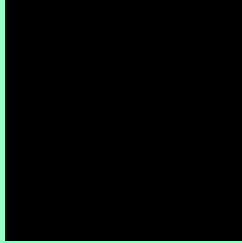
Any Text WCAG AA ✓ Pass

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 93FFC3 Background



This preview shows how black text looks on a background with the Hex color 93FFC3.

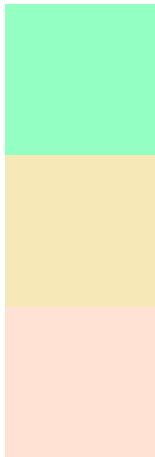


This preview shows how white text looks on a background with the Hex color 93FFC3.

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](#).

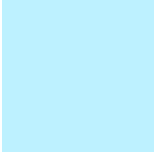
Dichromacy



Original Color
93FFC3

Protanopia
F7E8B8

Deuteranopia
FFE2D4

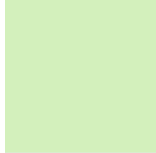


Tritanopia
BDF1FF

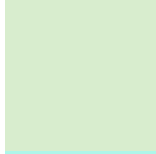
Trichromacy



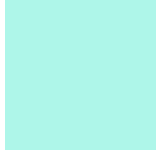
Original Color
93FFC3



Protanomaly
D3F0BC

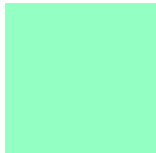


Deuteranomaly
D8EDCE

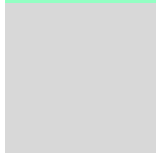


Tritanomaly
AEF6E9

Monochromacy



Original Color
93FFC3



Achromatopsia
D8D8D8



Achromatomaly
BFE6D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 93FFC3 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 #93FFC3 looks like.

```
.text, #text, p{  
    color:#93FFC3  
}
```

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 #93FFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FFC3
}
```

Border

The CSS property to change the border of an element to Hex 93FFC3 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
#93FFC3 }
```

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

```
.border{ border-color:#93FFC3 }
```

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

Here you see how a box with a 4 pixel #93FFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FFC3; -webkit-box-shadow:4px 4px  
4px 4px #93FFC3; box-shadow:4px 4px 4px  
4px #93FFC3 }
```

Background

The CSS property to change the background color of an element to Hex 93FFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FFC3 }
```

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

```
.background{ background-color:#93FFC3 }
```

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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