

Converting Colors

Hex(9AFFB5)

Have a look what the booklet for
Hex(9AFFB5) contains.

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Color

Hex(9AFFB5)

Conversions

Conversions Part 1

Format	Color
Hex	9AFFB5
RGB	154, 255, 181
RGB Percent	60%, 100%, 71%
CMY	0.3961, 0.0000, 0.2902
CMYK	0.40, 0.00, 0.29, 0.00
HSL	136°, 100%, 80%
HSV	136°, 40%, 100%
XYZ	57.4269, 81.7262, 56.4641
YIQ	216.3650, -36.4420, -44.4260

Conversions

Conversions Part 2

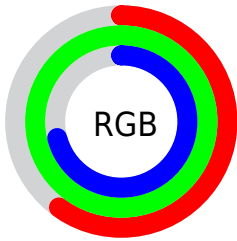
Format	Color
RYB	154, 234, 255
Decimal	10158005
CIELab	92.45, -44.78, 26.31
CIELCh	92, 51.933, 149.565
Yxy	81.7262, 0.2936, 0.4178
Android (android.graphics.Color)	4288348085 (0xFF9AFFB5)
YUV	216.3650, -17.4349, -54.6941
Hunter-Lab	90.4026, -44.8149, 26.2501

Details

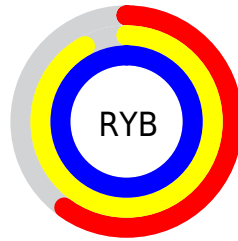
The Hex color **9AFFB5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9AE4**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D4FFED**, and **62C680** is the 20% darker color. If you saturate the color by 10%, you get **81FFA2**, and if you desaturate by 10%, it is **B3FFC8**.

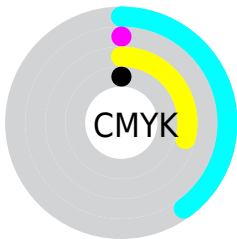
Distribution



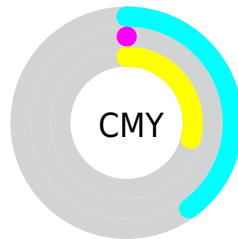
- Red (60%)
- Green (100%)
- Blue (71%)



- Red (60%)
- Yellow (92%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AFFB5 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 9AFFB5 by changing the saturation by 10% instead.

 9AFFB5

FFFFFF

 D4FFED

 F1FFFF

 9AFFB5

 7EE29A

 62C680

 45AA66

 248F4E

 007536

 005B1F

 004308

 002C00

 001000

 9AFFB5

 9AFFB5

 81FFA2

 B3FFC8

 67FF90

 CDFFDA

 4EFF7D

 E7FFED

 34FF6A

FFFFFF

 1AFF58

 01FF45

 00FF44

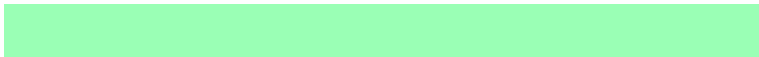
Harmonies

Analogous

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



D6F590



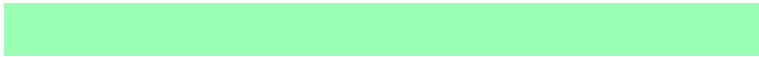
9AFFB5



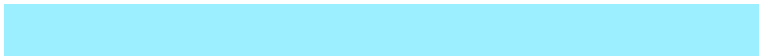
4BFFE7

Triad

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



9AFFB5



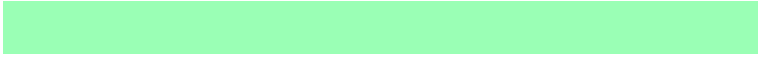
9BEFFF



FFC6BB

Complementary

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



9AFFB5



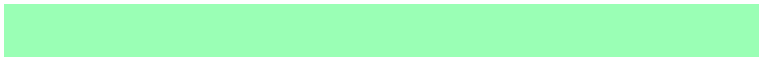
FF9AE4

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.



FFC2EC



9AFFB5



EDDDFF

Square

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



9AFFB5



20FCFF



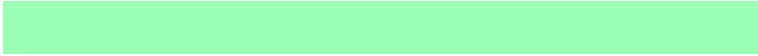
FFCBFF



FFD594

Rectangle

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



9AFFB5



00FFFF



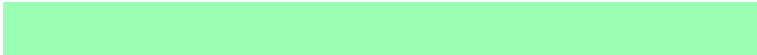
FFCBFF



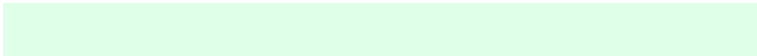
FFC3CA

Sweetspot

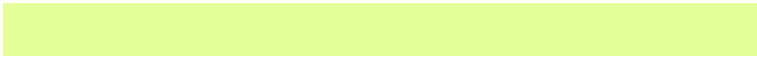
The Sweet Spot groups the original color and five complimentary colors.



9AFFB5



E0FFE9



E4FF9A



6E8072



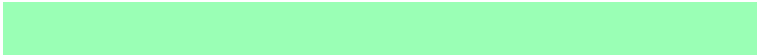
000000



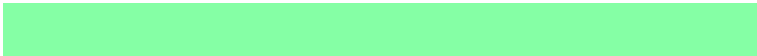
808080

Same Dimension

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



9AFFB5



85FFA5



9AFFE7



738076



00BF33



004011

Inverse Universe

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



FF9AE4



FF85DE



FF9AB2



80737C



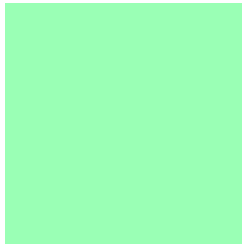
BF008C



40002F

Previews

White Background



This preview shows how the Hex color 9AFFB5 looks on a white background.

Color Contrast Check

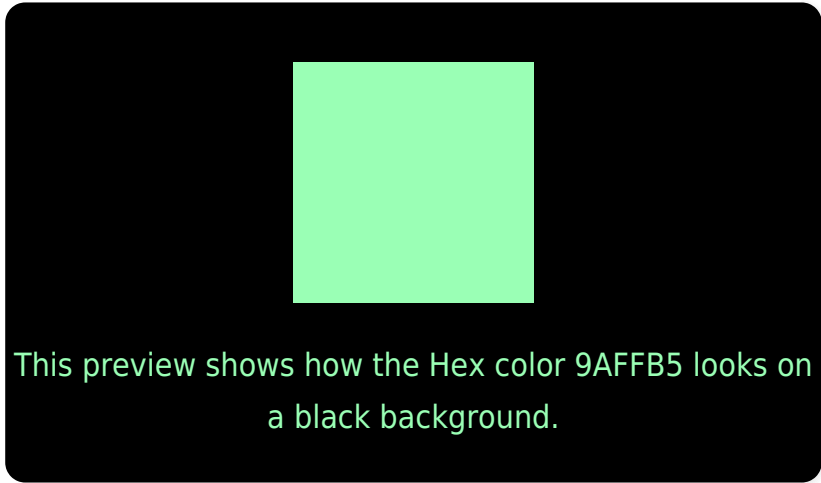
Large Text (above 18pt) WCAG AA × Fail

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

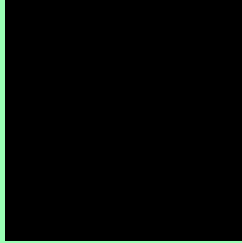
Any Text WCAG AA ✓ Pass

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 9AFFB5 Background



This preview shows how black text looks on a background with the Hex color 9AFFB5.

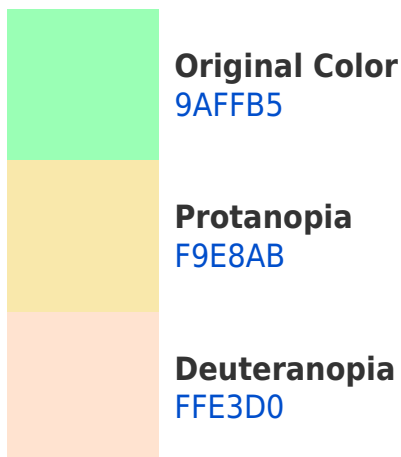


This preview shows how white text looks on a background with the Hex color 9AFFB5.

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



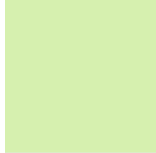


Tritanopia
C0F1FF

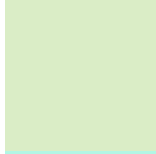
Trichromacy



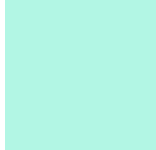
Original Color
9AFFB5



Protanomaly
D6F0AF

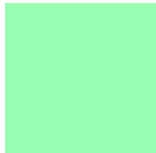


Deuteranomaly
DAEDC6

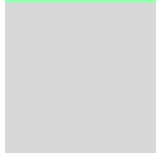


Tritanomaly
B2F6E4

Monochromacy



Original Color
9AFFB5



Achromatopsia
D8D8D8



Achromatomaly
C1E6CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AFFB5 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 #9AFFB5 looks like.

```
.text, #text, p{  
    color:#9AFFB5  
}
```

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 #9AFFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFFB5
}
```

Border

The CSS property to change the border of an element to Hex 9AFFB5 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
#9AFFB5 }
```

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

```
.border{ border-color:#9AFFB5 }
```

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

Here you see how a box with a 4 pixel #9AFFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFFB5; -webkit-box-shadow:4px 4px  
4px 4px #9AFFB5; box-shadow:4px 4px 4px  
4px #9AFFB5 }
```

Background

The CSS property to change the background color of an element to Hex 9AFFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFFB5 }
```

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

```
.background{ background-color:#9AFFB5 }
```

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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