

Converting Colors

Hex(9AF7A5)

Have a look what the booklet for
Hex(9AF7A5) contains.

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Color

Hex(9AF7A5)

Conversions

Conversions Part 1

Format	Color
Hex	9AF7A5
RGB	154, 247, 165
RGB Percent	60%, 97%, 65%
CMY	0.3961, 0.0314, 0.3529
CMYK	0.38, 0.00, 0.33, 0.03
HSL	127°, 85%, 79%
HSV	127°, 38%, 97%
XYZ	53.3787, 76.1082, 47.4743
YIQ	209.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

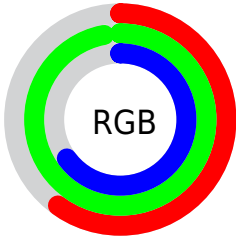
Format	Color
RYB	154, 237, 247
Decimal	10155941
CIELab	89.91, -43.99, 30.95
CIElCh	90, 53.780, 144.872
Yxy	76.1082, 0.3016, 0.4301
Android (android.graphics.Color)	4288346021 (0xFF9AF7A5)
YUV	209.8450, -22.1086, -48.9761
Hunter-Lab	87.2400, -43.4529, 28.8035

Details

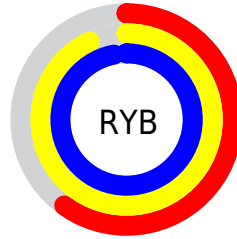
The Hex color **9AF7A5** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F79AEC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D3FFDD**, and **62BE70** is the 20% darker color. If you saturate the color by 10%, you get **81F78F**, and if you desaturate by 10%, it is **B3F7BB**.

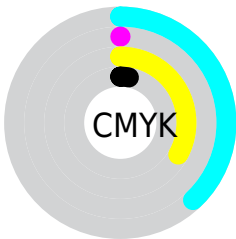
Distribution



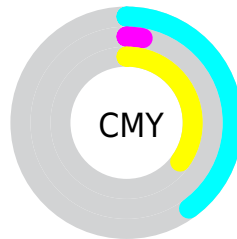
- Red (60%)
- Green (97%)
- Blue (65%)



- Red (60%)
- Yellow (93%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (3%)



- Cyan (40%)
- Magenta (3%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF7A5 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 9AF7A5 by changing the saturation by 10% instead.

 9AF7A5

 9AF7A5

FFFFFF

 7EDA8A

 D3FFDD

 62BE70

 F1FFF9

 46A357

 28883F

 006E27

 005510

 003C00

 002800


 000000

 9AF7A5

 9AF7A5

 81F78F

 B3F7BB

 69F779

 CBF7D1

 50F764

 E4F7E6

 37F74E

 FDF7FC

 1EF738

 FFF7FF

 06F722

 00F71D

Harmonies

Analogous

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



D7EC82



9AF7A5



46FCD7

Triad

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



9AF7A5



7EEAFF



FFBCBA

Complementary

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



9AF7A5



F79AEC

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.



FFB9ED



9AF7A5



DAD8FF

Square

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



9AF7A5



00F6FF



FFC5FF



FFCA90

Rectangle

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



9AF7A5



00DFB



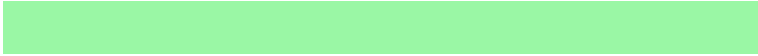
FFC5FF



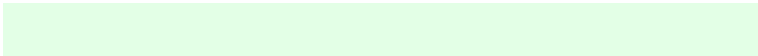
FFB9CA

Sweetspot

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



9AF7A5



E3FFE6



ECF79A



6F8071



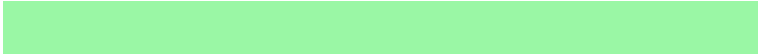
000000



808080

Same Dimension

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



9AF7A5



8CFF9A



9AF7D3



6E7A70



00BA16



003B07

Inverse Universe

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



F79AEC



FF8CF1



F79ABE



7A6E79



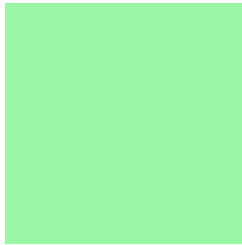
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 9AF7A5 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 9AF7A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

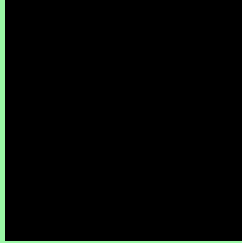
Any Text WCAG AA ✓ Pass

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 9AF7A5 Background



This preview shows how black text looks on a background with the Hex color 9AF7A5.

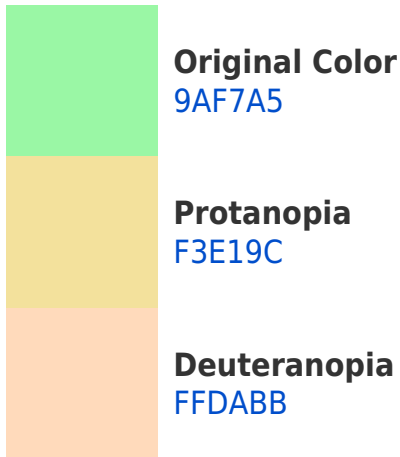


This preview shows how white text looks on a background with the Hex color 9AF7A5.

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](#).

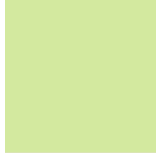
Dichromacy



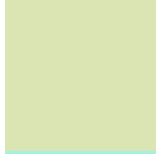
Trichromacy



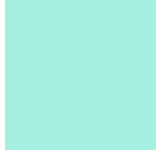
Original Color
9AF7A5



Protanomaly
D3E99F



Deuteranomaly
DAE5B3

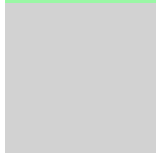


Tritanomaly
A5F0DE

Monochromacy



Original Color
9AF7A5



Achromatopsia
D2D2D2



Achromatomaly
BEDFC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF7A5 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 #9AF7A5 looks like.

```
.text, #text, p{  
    color:#9AF7A5  
}
```

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 #9AF7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF7A5
}
```

Border

The CSS property to change the border of an element to Hex 9AF7A5 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
#9AF7A5 }
```

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

```
.border{ border-color:#9AF7A5 }
```

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

Here you see how a box with a 4 pixel #9AF7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF7A5; -webkit-box-shadow:4px 4px  
4px 4px #9AF7A5; box-shadow:4px 4px 4px  
4px #9AF7A5 }
```

Background

The CSS property to change the background color of an element to Hex 9AF7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF7A5 }
```

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

```
.background{ background-color:#9AF7A5 }
```

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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