

Converting Colors

Hex(9AFD95)

Have a look what the booklet for
Hex(9AFD95) contains.

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Color

Hex(9AFD95)

Conversions

Conversions Part 1

Format	Color
Hex	9AFD95
RGB	154, 253, 149
RGB Percent	60%, 99%, 58%
CMY	0.3961, 0.0078, 0.4157
CMYK	0.39, 0.00, 0.41, 0.01
HSL	117°, 96%, 79%
HSV	117°, 41%, 99%
XYZ	53.8765, 79.2905, 40.8988
YIQ	211.5430, -25.6200, -53.3320

Conversions

Conversions Part 2

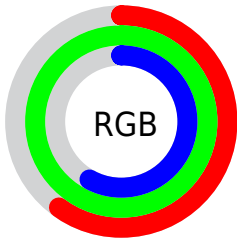
Format	Color
RYB	149, 253, 248
Decimal	10157461
CIELab	91.37, -48.98, 40.81
CIELCh	91, 63.755, 140.202
Yxy	79.2905, 0.3095, 0.4555
Android (android.graphics.Color)	4288347541 (0xFF9AFD95)
YUV	211.5430, -30.8337, -50.4652
Hunter-Lab	89.0452, -47.8283, 35.0995

Details

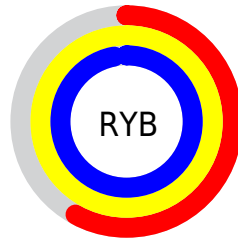
The Hex color **9AFD95** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F895FD**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D4FFCC**, and **61C461** is the 20% darker color. If you saturate the color by 10%, you get **82FD7C**, and if you desaturate by 10%, it is **B2FDAE**.

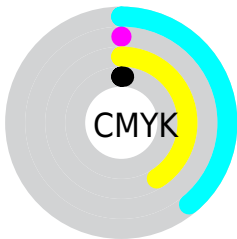
Distribution



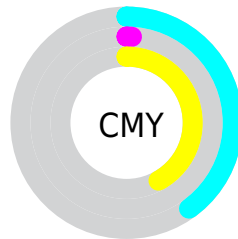
- Red (60%)
- Green (99%)
- Blue (58%)



- Red (58%)
- Yellow (99%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (1%)



- Cyan (40%)
- Magenta (1%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AFD95 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 9AFD95 by changing the saturation by 10% instead.

 9AFD95

 9AFD95

FFFFFF

 7EE07A

 D4FFCC

 61C461

 F1FFE9

 44A847

 238D2E

 007314

 005900

 004100

 002B00

 000900

 9AFD95

 9AFD95

 82FD7C

 B2FDAE

 6AFD62

 CAFDC8

 52FD49

 E2FDE1

 3AFD30

 FAFDFA

 22FD16

 FFFDFF

 0CFD00

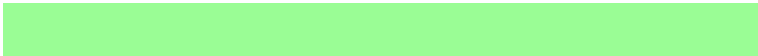
Harmonies

Analogous

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



E2F06E



9AFD95



00FFCF

Triad

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



9AFD95



28F3FF



FFB5BF

Complementary

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



9AFD95



F895FD

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.



FFB5FD



9AFD95



CADEFF

Square

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



9AFD95



00FFFF



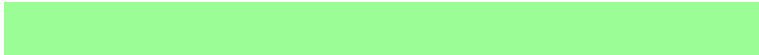
FFC6FF



FFC58A

Rectangle

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



9AFD95



00FFFA



FFC6FF



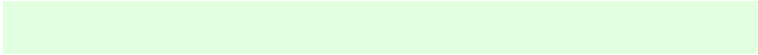
FFB2D4

Sweetspot

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



9AFD95



E2FFE0



FDF895



6F806E



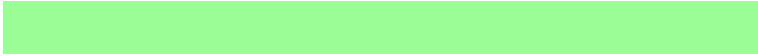
000000



808080

Same Dimension

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



9AFD95



88FF82



95FDC4



738073



09BF00



034000

Inverse Universe

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



F895FD



F982FF



FD95CE



7F7380



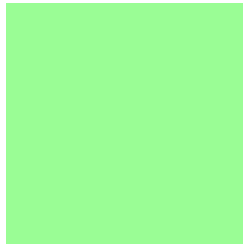
B600BF



3D0040

Previews

White Background



This preview shows how the Hex color 9AFD95 looks on a white background.

Color Contrast Check

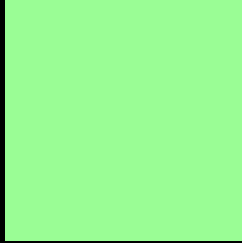
Large Text (above 18pt) WCAG AA × Fail

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 9AFD95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

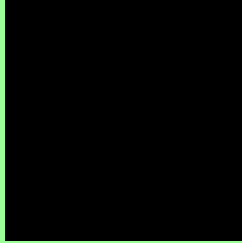
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

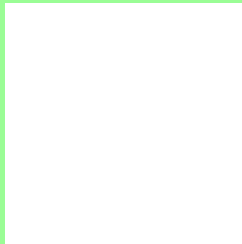
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9AFD95 Background



This preview shows how black text looks on a background with the Hex color 9AFD95.

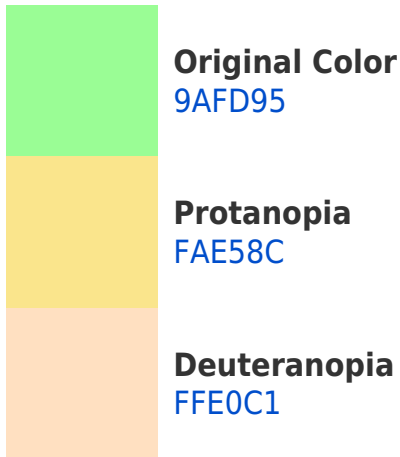


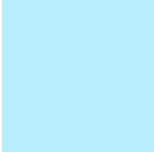
This preview shows how white text looks on a background with the Hex color 9AFD95.

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



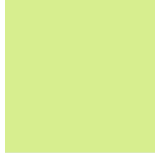


Tritanopia
B8EEFF

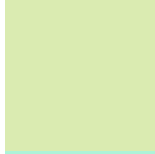
Trichromacy



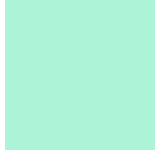
Original Color
9AFD95



Protanomaly
D7EE8F



Deuteranomaly
DAEBB1

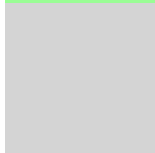


Tritanomaly
ADF3D8

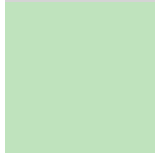
Monochromacy



Original Color
9AFD95



Achromatopsia
D4D4D4



Achromatomaly
BFE3BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AFD95 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 #9AFD95 looks like.

```
.text, #text, p{  
    color:#9AFD95  
}
```

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 #9AFD95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFD95
}
```

Border

The CSS property to change the border of an element to Hex 9AFD95 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
#9AFD95 }
```

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

```
.border{ border-color:#9AFD95 }
```

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

Here you see how a box with a 4 pixel #9AFD95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFD95; -webkit-box-shadow:4px 4px  
4px 4px #9AFD95; box-shadow:4px 4px 4px  
4px #9AFD95 }
```

Background

The CSS property to change the background color of an element to Hex 9AFD95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFD95 }
```

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

```
.background{ background-color:#9AFD95 }
```

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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