

Converting Colors

Hex(FF9AF5)

Have a look what the booklet for
Hex(FF9AF5) contains.

Hex(FF9AF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F F 9 A F 5)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AF5
RGB	255, 154, 245
RGB Percent	100%, 60%, 96%
CMY	0.0000, 0.3961, 0.0392
CMYK	0.00, 0.40, 0.04, 0.00
HSL	306°, 100%, 80%
HSV	306°, 40%, 100%
XYZ	69.2770, 50.9638, 92.5719
YIQ	194.5730, 30.9850, 49.7130

Conversions

Conversions Part 2

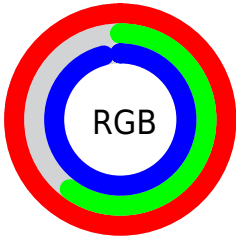
Format	Color
R _Y B	255, 154, 245
Decimal	16751349
CIE Lab	76.66, 50.59, -29.71
CIE LCh	77, 58.671, 329.571
Yxy	50.9638, 0.3255, 0.2395
Android (android.graphics.Color)	4294941429 (0xFFFF9AF5)
YUV	194.5730, 24.8605, 52.9945
Hunter-Lab	71.3889, 48.2889, -26.9107

Details

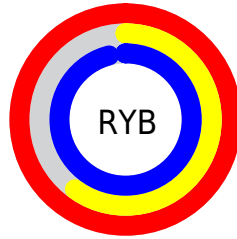
The Hex color **FF9AF5** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9AFFA4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFD2FF**, and **C564BC** is the 20% darker color. If you saturate the color by 10%, you get **FF81F2**, and if you desaturate by 10%, it is **FFB3F8**.

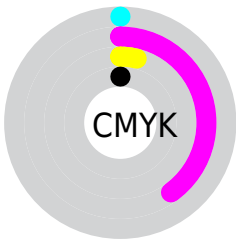
Distribution



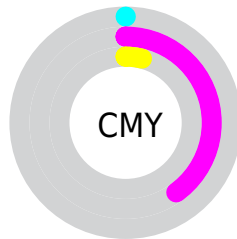
- Red (100%)
- Green (60%)
- Blue (96%)



- Red (100%)
- Yellow (60%)
- Blue (96%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9AF5 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 FF9AF5 by changing the saturation by 10% instead.

 FF9AF5

 FF9AF5

FFFFFF

 E27FD8

 FFD2FF

 C564BC

 FFEFFF

 A849A1

 8D2E87

 710E6D

 570055

 3D003D

 260027

 00010F

 FF9AF5

 FF9AF5

 FF81F2

 FFB3F8

 FF67F0

 FFCDF8

 FF4EED

 FFE7FD

 FF34EB

FFFFFF

 FF1AE8

 FF01E6

 FF00E6

Harmonies

Analogous

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



BEAFFF



FF9AF5



FF8EC0

Triad

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



FF9AF5



DDBA4C



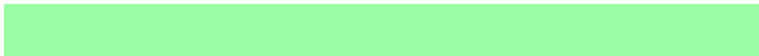
00D7F1

Complementary

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



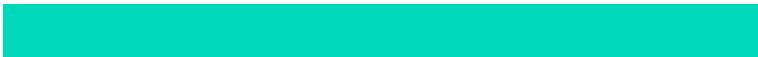
FF9AF5



9AFFA4

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.



00D8BB



FF9AF5



A6CA5A

Square

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



FF9AF5



FFA660



5ED484



00D1FF

Rectangle

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



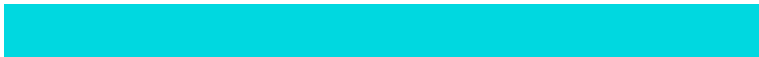
FF9AF5



FF909C



5ED484



00D8E0

Sweetspot

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



FF9AF5



FFE0FC



A29AFF



806E7E



000000



808080

Same Dimension

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



FF9AF5



FF85F3



FF9AC4



80737E



BF00AC



400039

Inverse Universe

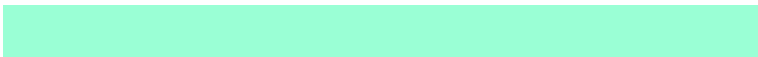
The Inverse Universe completely reimagines the original color for something new.



FF9AF5



FF85F3



9AFFD5



80737E



BF00AC



400039

Previews

White Background



This preview shows how the Hex color FF9AF5 looks on a white background.

Color Contrast Check

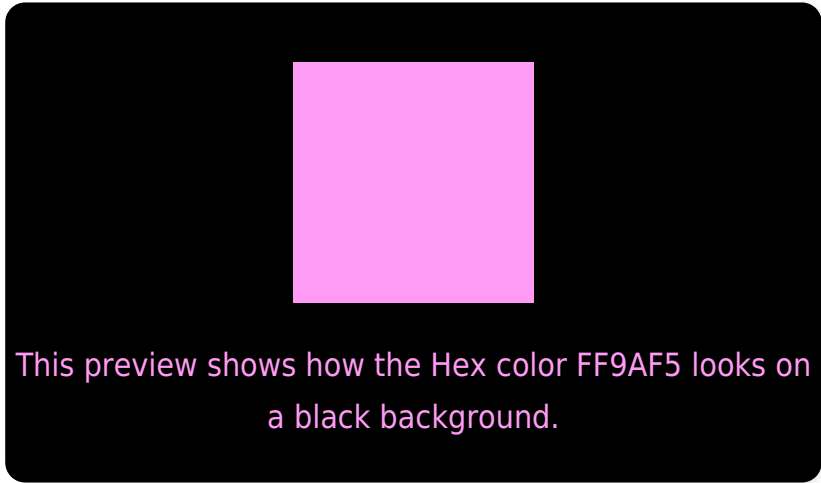
Large Text (above 18pt) WCAG AA × Fail

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 FF9AF5 Background



This preview shows how black text looks on a background with the Hex color FF9AF5.

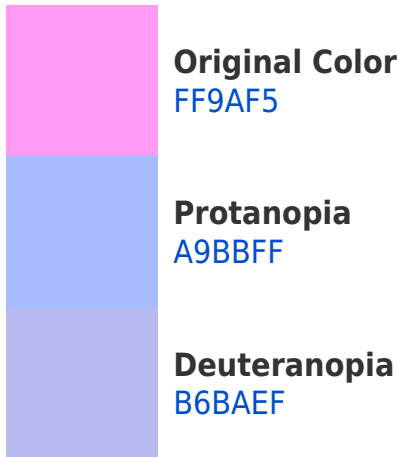


This preview shows how white text looks on a background with the Hex color FF9AF5.

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
F7A7B4

Trichromacy



Original Color
FF9AF5



Protanomaly
C8AFFB



Deuteranomaly
D1AEF1

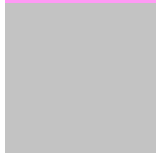


Tritanomaly
FAA2CC

Monochromacy



Original Color
FF9AF5



Achromatopsia
C3C3C3



Achromatomaly
D9B4D5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9AF5 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 #FF9AF5 looks like.

```
.text, #text, p{  
    color:#FF9AF5  
}
```

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 #FF9AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9AF5
}
```

Border

The CSS property to change the border of an element to Hex FF9AF5 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
#FF9AF5 }
```

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

```
.border{ border-color:#FF9AF5 }
```

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

Here you see how a box with a 4 pixel #FF9AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9AF5; -webkit-box-shadow:4px 4px  
4px 4px #FF9AF5; box-shadow:4px 4px 4px  
4px #FF9AF5 }
```

Background

The CSS property to change the background color of an element to Hex FF9AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9AF5 }
```

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

```
.background{ background-color:#FF9AF5 }
```

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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