

Converting Colors

Hex(9FF3D7)

Have a look what the booklet for
Hex(9FF3D7) contains.

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Color

Hex(9FF3D7)

Conversions

Conversions Part 1

Format	Color
Hex	9FF3D7
RGB	159, 243, 215
RGB Percent	62%, 95%, 84%
CMY	0.3765, 0.0471, 0.1569
CMYK	0.35, 0.00, 0.12, 0.05
HSL	160°, 78%, 79%
HSV	160°, 35%, 95%
XYZ	58.6144, 76.3784, 75.9432
YIQ	214.6920, -41.0760, -26.5160

Conversions

Conversions Part 2

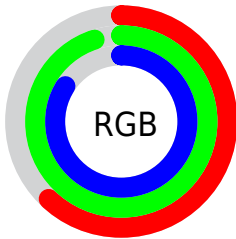
Format	Color
R_{YB}	159, 209, 243
Decimal	10482647
CIE _{Lab}	90.03, -31.46, 5.45
CIE _{LCh}	90, 31.925, 170.168
Yxy	76.3784, 0.2779, 0.3621
Android (android.graphics.Color)	4288672727 (0xFF9FF3D7)
YUV	214.6920, 0.1518, -48.8419
Hunter-Lab	87.3947, -33.2234, 9.6552

Details

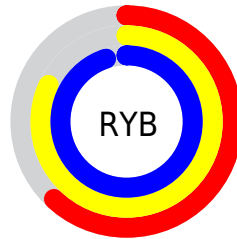
The Hex color **9FF3D7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39FBB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D8FFFF**, and **68BAA0** is the 20% darker color. If you saturate the color by 10%, you get **87F3CF**, and if you desaturate by 10%, it is **B7F3DF**.

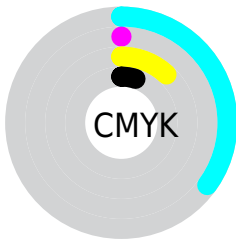
Distribution



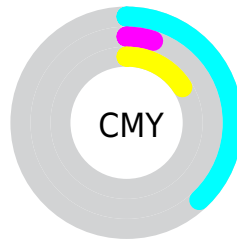
- Red (62%)
- Green (95%)
- Blue (84%)



- Red (62%)
- Yellow (82%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FF3D7 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 9FF3D7 by changing the saturation by 10% instead.

 9FF3D7

FFFFFF

 D8FFFF

 F5FFFF

 9FF3D7

 83D6BB

 68BAA0

 4D9F86

 30856D

 0C6B55

 00523D

 003B28

 002513

 000000

 9FF3D7

 9FF3D7

 87F3CF

 B7F3DF

 6EF3C7

 D0F3E7

 56F3BF

 E8F3EF

 3EF3B7

 FFF3F7

 26F3AF

 FFF3FF

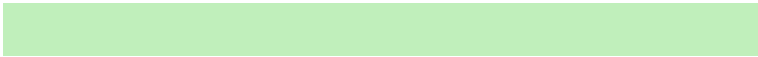
 0DF3A6

 00F3A2

Harmonies

Analogous

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



C0EFBB



9FF3D7



89F3F6

Triad

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



9FF3D7



DADEFF



FFD3B5

Complementary

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



9FF3D7



F39FBB

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.



FFCDCF



9FF3D7



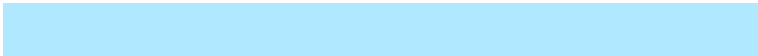
FFD4FF

Square

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



9FF3D7



AFE8FF



FFCDEE



FFDDA7

Rectangle

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



9FF3D7



89F1FF



FFCDEE



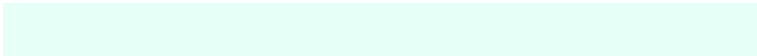
FFD1BC

Sweetspot

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



9FF3D7



E6FFF7



BBF39F



70807A



000000



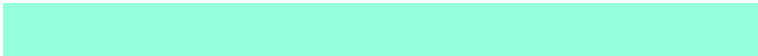
808080

Same Dimension

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



9FF3D7



96FFDC



9FE5F3



6E7A76



00BA7C



003B27

Inverse Universe

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



F39FBB



FF96B9



F3AD9F



7A6E72



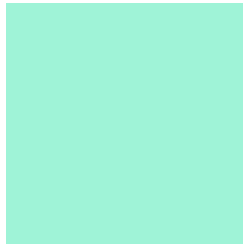
BA003E



3B0014

Previews

White Background



This preview shows how the Hex color 9FF3D7 looks on a white background.

Color Contrast Check

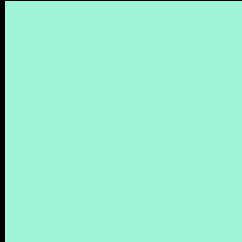
Large Text (above 18pt) WCAG AA × Fail

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 9FF3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

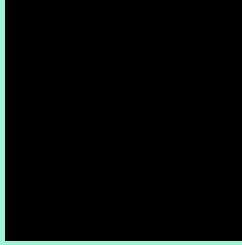
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

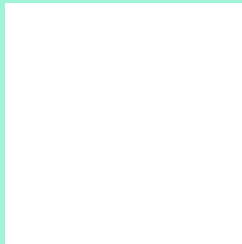
Any Text WCAG AAA ✓ Pass

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

Hex 9FF3D7 Background



This preview shows how black text looks on a background with the Hex color 9FF3D7.

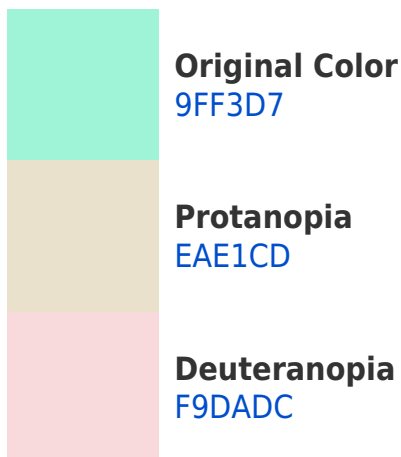


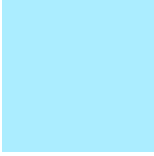
This preview shows how white text looks on a background with the Hex color 9FF3D7.

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



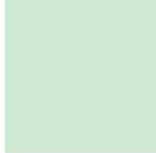


Tritanopia
ABEDFF

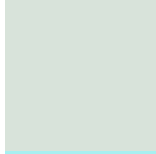
Trichromacy



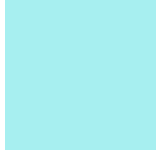
Original Color
9FF3D7



Protanomaly
CFE8D1



Deuteranomaly
D8E3DA

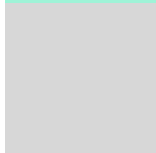


Tritanomaly
A7EFF0

Monochromacy



Original Color
9FF3D7



Achromatopsia
D7D7D7



Achromatomaly
C3E1D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FF3D7 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 #9FF3D7 looks like.

```
.text, #text, p{  
    color:#9FF3D7  
}
```

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 #9FF3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF3D7
}
```

Border

The CSS property to change the border of an element to Hex 9FF3D7 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
#9FF3D7 }
```

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

```
.border{ border-color:#9FF3D7 }
```

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

Here you see how a box with a 4 pixel #9FF3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF3D7; -webkit-box-shadow:4px 4px  
4px 4px #9FF3D7; box-shadow:4px 4px 4px  
4px #9FF3D7 }
```

Background

The CSS property to change the background color of an element to Hex 9FF3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF3D7 }
```

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

```
.background{ background-color:#9FF3D7 }
```

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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