

# Converting Colors

Hex(9AF2F7)

Have a look what the booklet for  
Hex(9AF2F7) contains.

<b>Hex(9AF2F7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9AF2F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AF2F7
RGB	154, 242, 247
RGB Percent	60%, 95%, 97%
CMY	0.3961, 0.0510, 0.0314
CMYK	0.38, 0.02, 0.00, 0.03
HSL	183°, 85%, 79%
HSV	183°, 38%, 97%
XYZ	61.8671, 77.0897, 99.6147
YIQ	216.2580, -54.0530, -17.1010

# Conversions

## Conversions Part 2

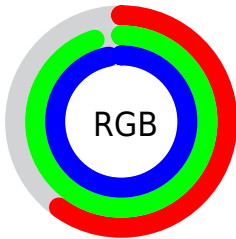
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 199, 247</a>
Decimal	<a href="#">10154743</a>
CIELab	<a href="#">90.36, -25.14, -10.77</a>
CIElCh	<a href="#">90, 27.350, 203.195</a>
Yxy	<a href="#">77.0897, 0.2593, 0.3231</a>
Android (android.graphics.Color)	<a href="#">4288344823 (0xFF9AF2F7)</a>
YUV	<a href="#">216.2580, 15.1558, -54.6003</a>
Hunter-Lab	<a href="#">87.8007, -27.8748, -5.8072</a>

# Details

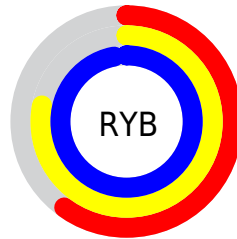
The Hex color **9AF2F7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F79F9A**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D4FFFF**, and **61BABF** is the 20% darker color. If you saturate the color by 10%, you get **81F1F7**, and if you desaturate by 10%, it is **B3F3F7**.

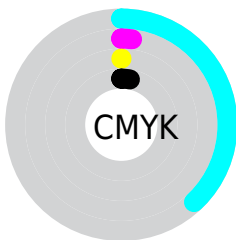
# Distribution



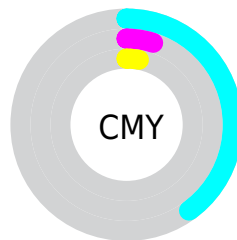
- Red (60%)
- Green (95%)
- Blue (97%)



- Red (60%)
- Yellow (78%)
- Blue (97%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (40%)
- Magenta (5%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AF2F7 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 9AF2F7 by changing the saturation by 10% instead.



 9AF2F7

 9AF2F7

FFFFFF

 7ED5DB

 D4FFFF

 61BABF

 F1FFFF

 449FA4

 238489

 006B70

 005258

 003B40

 00252A

 000417

 9AF2F7

 9AF2F7

 81F1F7

 B3F3F7

 69EFF7

 CBF5F7

 50EEF7

 E4F6F7

 37EDF7

 FDF7F7

 1EEBF7

 FFF9F7

 06EAF7

 FFFAF7

 00EAF7

 FFFBF7

 FFFDF7

 FFFEF7

# Harmonies

## Analogous

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



A9F2DC



9AF2F7



A1EEFF

# Triad

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



9AF2F7



FFD6FF



FDE0B0

# Complementary

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



9AF2F7



F79F9A

# 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.



FFD7BA



9AF2F7



FFD1EA

# Square

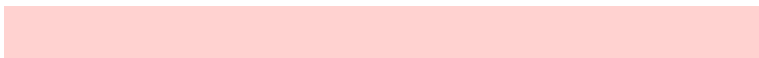
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9AF2F7



E0DFFF



FFD2D0



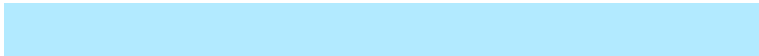
E2E8B3

# Rectangle

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



9AF2F7



B2EAFF



FFD2D0



FFDDB2

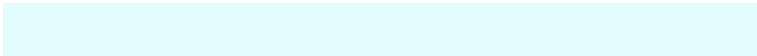


# Sweetspot

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



9AF2F7



E3FDFD



9AF79F



6F7F80



000000



808080



# Same Dimension

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



9AF2F7



8CF9FF



9AC4F7



6E7A7A



00B0BA



00373B



# Inverse Universe

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



F79AF2



FF8CF9



F7CD9A



7A6E7A



BA00B0

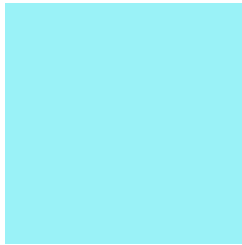


3B0037



# Previews

## White Background



This preview shows how the Hex color 9AF2F7 looks on a white background.

## Color Contrast Check

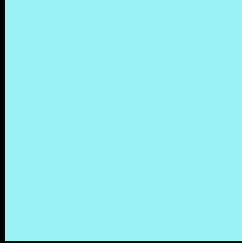
Large Text (above 18pt) WCAG AA × Fail

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 9AF2F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

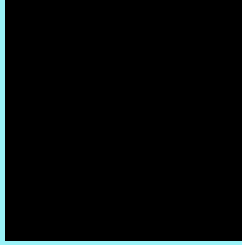
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AF2F7 Background



This preview shows how black text looks on a background with the Hex color 9AF2F7.

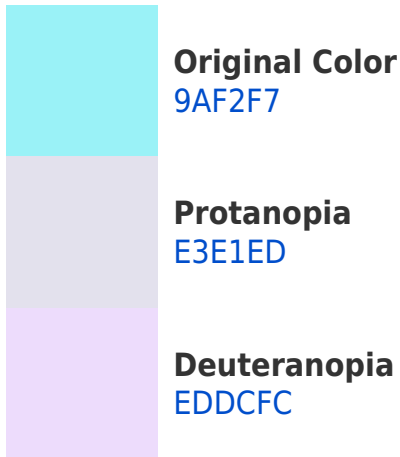


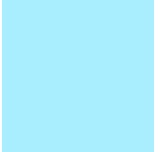
This preview shows how white text looks on a background with the Hex color 9AF2F7.

# 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



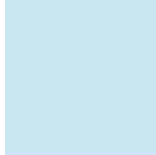


**Tritanopia**  
A9EEFF

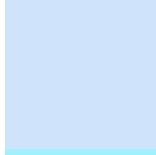
# Trichromacy



**Original Color**  
9AF2F7



**Protanomaly**  
C8E7F1



**Deuteranomaly**  
CFE4FA

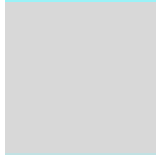


**Tritanomaly**  
A4EFFC

# Monochromacy



**Original Color**  
9AF2F7



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C1E1E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AF2F7 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 #9AF2F7 looks like.

```
.text, #text, p{  
    color:#9AF2F7  
}
```

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 #9AF2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF2F7
}
```

## Border

The CSS property to change the border of an element to Hex 9AF2F7 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
#9AF2F7 }
```

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

```
.border{ border-color:#9AF2F7 }
```

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

Here you see how a box with a 4 pixel #9AF2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF2F7; -webkit-box-shadow:4px 4px  
4px 4px #9AF2F7; box-shadow:4px 4px 4px  
4px #9AF2F7 }
```

# Background

The CSS property to change the background color of an element to Hex 9AF2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF2F7 }
```

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

```
.background{ background-color:#9AF2F7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor