

# Converting Colors

Hex(9FF0EB)

Have a look what the booklet for  
Hex(9FF0EB) contains.

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# **Color**

**Hex(9FF0EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF0EB
RGB	159, 240, 235
RGB Percent	62%, 94%, 92%
CMY	0.3765, 0.0588, 0.0784
CMYK	0.34, 0.00, 0.02, 0.06
HSL	176°, 73%, 78%
HSV	176°, 34%, 94%
XYZ	60.4536, 75.6893, 90.0205
YIQ	215.2110, -46.6710, -18.7270

# Conversions

## Conversions Part 2

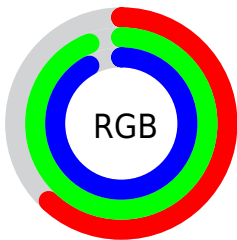
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 201, 240
Decimal	10481899
CIE <sub>Lab</sub>	89.71, -25.67, -5.44
CIE <sub>LCh</sub>	90, 26.242, 191.974
Y <sub>xy</sub>	75.6893, 0.2673, 0.3347
Android (android.graphics.Color)	4288671979 (0xFF9FF0EB)
Y <sub>UV</sub>	215.2110, 9.7560, -49.2970
Hunter-Lab	86.9996, -28.2146, -0.4491

# Details

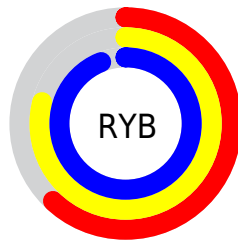
The Hex color **9FF0EB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F09FA4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D8FFFF**, and **67B8B3** is the 20% darker color. If you saturate the color by 10%, you get **87F0EA**, and if you desaturate by 10%, it is **B7F0EC**.

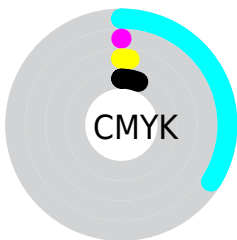
# Distribution



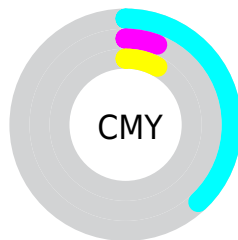
- Red (62%)
- Green (94%)
- Blue (92%)



- Red (62%)
- Yellow (79%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF0EB 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 9FF0EB by changing the saturation by 10% instead.



 9FF0EB

 9FF0EB

FFFFFF

 83D4CF

 D8FFFF

 67B8B3

 F6FFFF

 4C9D99

 2F827F

 066966

 00504E

 003937

 002422

 00000C

 9FF0EB

 9FF0EB

 87F0EA

 B7F0EC

 6FF0E8

 CFF0EE

 57F0E7

 E7F0EF

 3FF0E5

 FFF0F1

 27F0E4

 FFF0F2

 0FF0E2

 FFF0F4

 00F0E1

 FFF0F5

 FFF0F7

 FFF0F8

# Harmonies

## Analogous

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



B2EFD1



9FF0EB



9EEEEFF

# Triad

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



9FF0EB



F2D8FF



FFDBB2

# Complementary

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



9FF0EB



F09FA4

# 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.



FFD3C1



9FF0EB



FFD1F2

# Square

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



9FF0EB



D2E0FF



FFD0D8



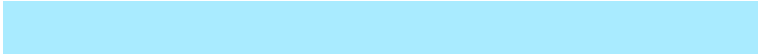
EAE3B0

# Rectangle

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



9FF0EB



A9EBFF



FFD0D8



FFD8B6



# Sweetspot

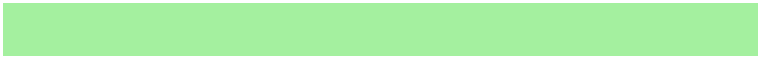
The Sweet Spot groups the original color and five complimentary colors.



9FF0EB



E6FFFD



A4F09F



70807F



000000



808080



# Same Dimension

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



9FF0EB



96FFF9



9FCDF0



6C7877



00B8AC



003835



# Inverse Universe

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



F09FA4



FF969D



F0C29F



786C6D



B8000B

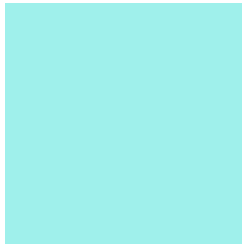


380003



# Previews

## White Background



This preview shows how the Hex color 9FF0EB looks on a white background.

## Color Contrast Check

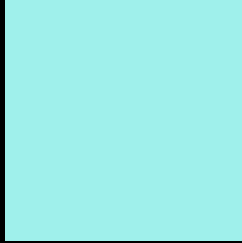
Large Text (above 18pt) WCAG AA × Fail

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 9FF0EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

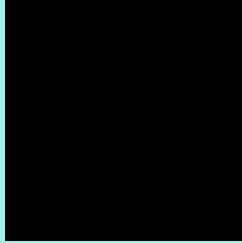
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FF0EB Background



This preview shows how black text looks on a background with the Hex color 9FF0EB.



This preview shows how white text looks on a background with the Hex color 9FF0EB.

# 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**  
A6ECFF

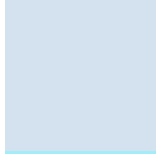
# Trichromacy



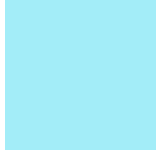
**Original Color**  
9FF0EB



**Protanomaly**  
CBE5E5

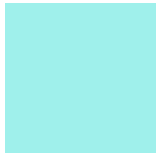


**Deuteranomaly**  
D3E2EE

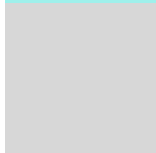


**Tritanomaly**  
A3EDF8

# Monochromacy



**Original Color**  
9FF0EB



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C3E0DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF0EB 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 #9FF0EB looks like.

```
.text, #text, p{  
    color:#9FF0EB  
}
```

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 #9FF0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF0EB
}
```

## Border

The CSS property to change the border of an element to Hex 9FF0EB 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
#9FF0EB }
```

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

```
.border{ border-color:#9FF0EB }
```

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

Here you see how a box with a 4 pixel #9FF0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF0EB; -webkit-box-shadow:4px 4px  
4px 4px #9FF0EB; box-shadow:4px 4px 4px  
4px #9FF0EB }
```

# Background

The CSS property to change the background color of an element to Hex 9FF0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF0EB }
```

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

```
.background{ background-color:#9FF0EB }
```

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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