

# Converting Colors

Hex(9BF0E6)

Have a look what the booklet for  
Hex(9BF0E6) contains.

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# **Color**

**Hex(9BF0E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF0E6
RGB	155, 240, 230
RGB Percent	61%, 94%, 90%
CMY	0.3922, 0.0588, 0.0980
CMYK	0.35, 0.00, 0.04, 0.06
HSL	173°, 74%, 77%
HSV	173°, 35%, 94%
XYZ	58.9606, 75.0019, 86.2322
YIQ	213.4450, -47.4500, -21.1300

# Conversions

## Conversions Part 2

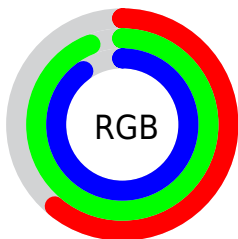
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 200, 240
Decimal	10219750
CIE <sub>Lab</sub>	89.39, -27.86, -3.33
CIE <sub>LCh</sub>	89, 28.055, 186.810
Yxy	75.0019, 0.2678, 0.3406
Android (android.graphics.Color)	4288409830 (0xFF9BF0E6)
YUV	213.4450, 8.1616, -51.2563
Hunter-Lab	86.6036, -30.0319, 1.5869

# Details

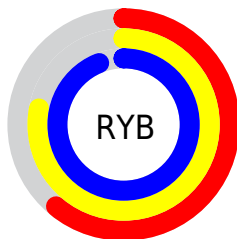
The Hex color **9BF0E6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F09BA5**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D4FFFF**, and **63B8AF** is the 20% darker color. If you saturate the color by 10%, you get **83F0E3**, and if you desaturate by 10%, it is **B3F0E9**.

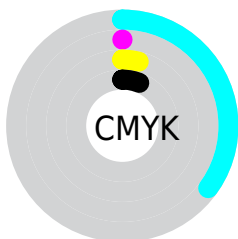
# Distribution



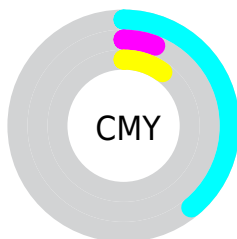
- Red (61%)
- Green (94%)
- Blue (90%)



- Red (61%)
- Yellow (78%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BF0E6 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 9BF0E6 by changing the saturation by 10% instead.



 9BF0E6

 9BF0E6

FFFFFF

 7FD4CA

 D4FFFF

 63B8AF

 F2FFFF

 479D94

 29827A

 006961

 00504A

 003933

 00241E

 000006

 9BF0E6

 9BF0E6

 83F0E3

 B3F0E9

 6BF0E0

 CBF0EC

 53F0DE

 E3F0EE

 3BF0DB

 FBF0F1

 23F0D8

 FFF0F4

 0BF0D5

 FFF0F7

 00F0D4

 FFF0FA

 FFF0FD

 FFF0FF

# Harmonies

## Analogous

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



B3EECB



9BF0E6



95EEFF

# Triad

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



9BF0E6



EDD8FF



FFD8B0

# Complementary

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



9BF0E6



F09BA5

# 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.



FFD0C2



9BF0E6



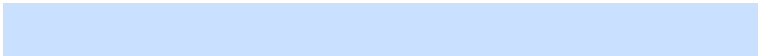
FFD0F6

# Square

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



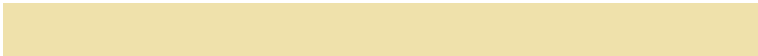
9BF0E6



C9E1FF



FFCDDB



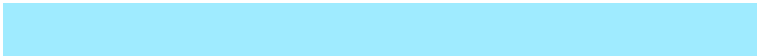
EFE1AB

# Rectangle

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



9BF0E6



9FEBFF



FFCDDB



FFD5B5

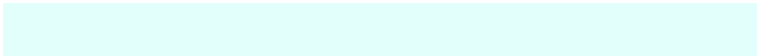


# Sweetspot

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



9BF0E6



E3FFFC



A6F09B



6F807E



000000



808080



# Same Dimension

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



9BF0E6



91FFF2



9BD1F0



6C7876



00B8A2



003832



# Inverse Universe

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



F09BA5



FF919E



F0BA9B



786C6D



B80016

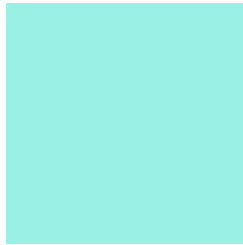


380007



# Previews

## White Background



This preview shows how the Hex color 9BF0E6 looks on a white background.

## Color Contrast Check

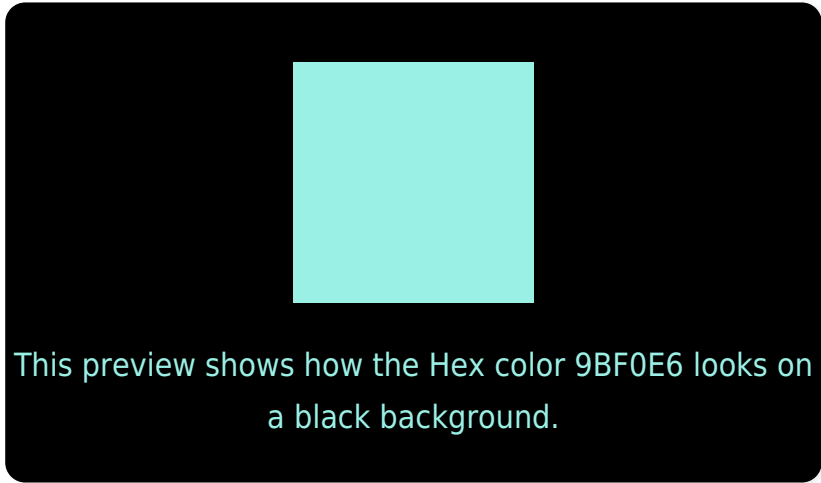
Large Text (above 18pt) WCAG AA × Fail

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 9BF0E6 Background



This preview shows how black text looks on a background with the Hex color 9BF0E6.



This preview shows how white text looks on a background with the Hex color 9BF0E6.

# 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**  
A2ECFF

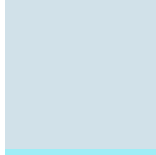
# Trichromacy



**Original Color**  
9BF0E6



**Protanomaly**  
C9E5E0



**Deuteranomaly**  
D1E1E9

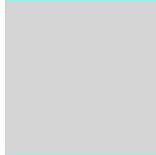


**Tritanomaly**  
9FEDF6

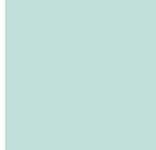
# Monochromacy



**Original Color**  
9BF0E6



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C0DFDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BF0E6 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 #9BF0E6 looks like.

```
.text, #text, p{  
    color:#9BF0E6  
}
```

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 #9BF0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF0E6  
}
```

## Border

The CSS property to change the border of an element to Hex 9BF0E6 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  
#9BF0E6 }
```

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

```
.border{ border-color:#9BF0E6 }
```

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

Here you see how a box with a 4 pixel #9BF0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF0E6; -webkit-box-shadow:4px 4px  
4px 4px #9BF0E6; box-shadow:4px 4px 4px  
4px #9BF0E6 }
```

# Background

The CSS property to change the background color of an element to Hex 9BF0E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF0E6 }
```

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

```
.background{ background-color:#9BF0E6 }
```

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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