

# Converting Colors

Hex(9BF7F5)

Have a look what the booklet for  
Hex(9BF7F5) contains.

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# **Color**

**Hex(9BF7F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF7F5
RGB	155, 247, 245
RGB Percent	61%, 97%, 96%
CMY	0.3922, 0.0314, 0.0392
CMYK	0.37, 0.00, 0.01, 0.03
HSL	179°, 85%, 79%
HSV	179°, 37%, 97%
XYZ	63.2598, 80.0827, 98.5096
YIQ	219.2640, -54.1900, -20.1260

# Conversions

## Conversions Part 2

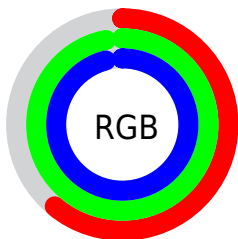
Format	Color
R <sub>Y</sub> B	155, 202, 247
Decimal	10221557
CIE Lab	91.72, -27.77, -7.71
CIE LCh	92, 28.820, 195.513
Yxy	80.0827, 0.2616, 0.3311
Android (android.graphics.Color)	4288411637 (0xFF9BF7F5)
YUV	219.2640, 12.6878, -56.3595
Hunter-Lab	89.4889, -30.4239, -2.6243

# Details

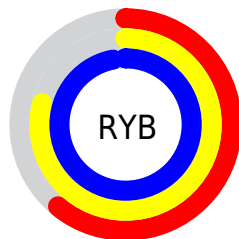
The Hex color **9BF7F5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F79B9D**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **D5FFFF**, and **62BEBD** is the 20% darker color. If you saturate the color by 10%, you get **82F7F4**, and if you desaturate by 10%, it is **B4F7F6**.

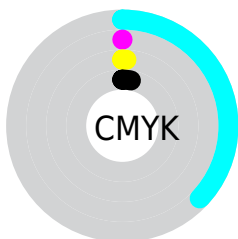
# Distribution



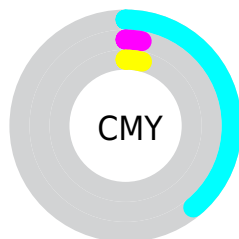
- Red (61%)
- Green (97%)
- Blue (96%)



- Red (61%)
- Yellow (79%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 9BF7F5 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 9BF7F5 by changing the saturation by 10% instead.



 9BF7F5

 9BF7F5

FFFFFF

 7FDAD9

 D5FFFF

 62BEBD

 F2FFFF

 45A3A2

 248988

 006F6E

 005656

 003E3F

 002829

 000D15

 9BF7F5

 9BF7F5

 82F7F4

 B4F7F6

 6AF7F4

 CCF7F6

 51F7F3

 E5F7F7

 38F7F3

 FEF7F7

 1FF7F2

 FFF7F8

 07F7F2

 FFF7F9

 00F7F2

 FFF7FA

# Harmonies

## Analogous

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



AFF6D9



9BF7F5



9CF4FF

# Triad

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



9BF7F5



FDDBF5



FFE1B2

# Complementary

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



9BF7F5



F79B9D

# 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.



FFD8C1



9BF7F5



FFD5F6

# Square

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



9BF7F5



DAE5FF



FFD4DA



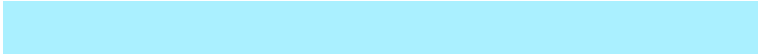
EDEAB2

# Rectangle

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



9BF7F5



AAF0FF



FFD4DA



FFDEB6



# Sweetspot

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



9BF7F5



E3FFFE



9EF79B



6F807F



000000

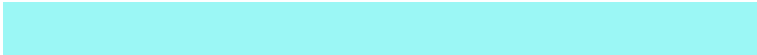


808080



# Same Dimension

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



9BF7F5



8CFFFD



9BCCF7



6E7A7A



00BAB6



003B39



# Inverse Universe

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



F79B9D



FF8C8F



F7C69B



7A6E6E



BA0004

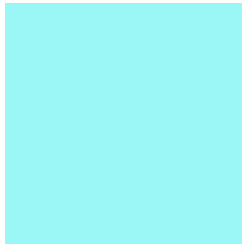


3B0001



# Previews

## White Background



This preview shows how the Hex color 9BF7F5 looks on a white background.

## Color Contrast Check

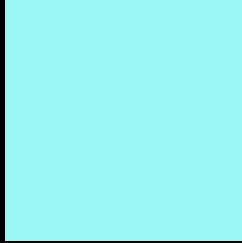
Large Text (above 18pt) WCAG AA × Fail

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 9BF7F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

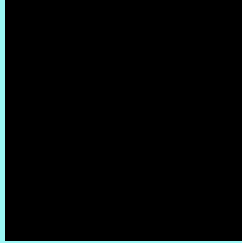
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

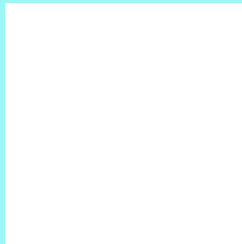
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BF7F5 Background



This preview shows how black text looks on a background with the Hex color 9BF7F5.



This preview shows how white text looks on a background with the Hex color 9BF7F5.

# 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



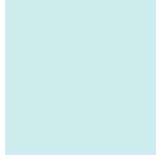


**Tritanopia**  
B7F0FF

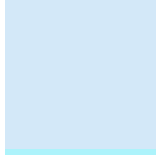
# Trichromacy



**Original Color**  
9BF7F5



**Protanomaly**  
CDECEE



**Deuteranomaly**  
D3E8F8

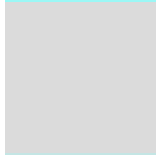


**Tritanomaly**  
ADF3FB

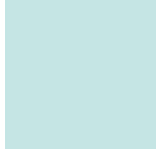
# Monochromacy



**Original Color**  
9BF7F5



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
C4E5E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BF7F5 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 #9BF7F5 looks like.

```
.text, #text, p{  
    color:#9BF7F5  
}
```

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 #9BF7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF7F5
}
```

## Border

The CSS property to change the border of an element to Hex 9BF7F5 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
#9BF7F5 }
```

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

```
.border{ border-color:#9BF7F5 }
```

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

Here you see how a box with a 4 pixel #9BF7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF7F5; -webkit-box-shadow:4px 4px  
4px 4px #9BF7F5; box-shadow:4px 4px 4px  
4px #9BF7F5 }
```

# Background

The CSS property to change the background color of an element to Hex 9BF7F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF7F5 }
```

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

```
.background{ background-color:#9BF7F5 }
```

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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