

# Converting Colors

Hex(95F9E7)

Have a look what the booklet for  
Hex(95F9E7) contains.

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**Color**

**Hex(95F9E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95F9E7
RGB	149, 249, 231
RGB Percent	58%, 98%, 91%
CMY	0.4157, 0.0235, 0.0941
CMYK	0.40, 0.00, 0.07, 0.02
HSL	169°, 89%, 78%
HSV	169°, 40%, 98%
XYZ	60.6939, 79.9104, 87.8267
YIQ	217.0480, -53.8220, -26.7980

# Conversions

## Conversions Part 2

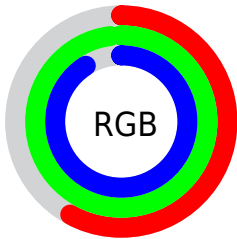
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 204, 249
Decimal	9828839
CIE <sub>Lab</sub>	91.64, -33.42, -0.58
CIE <sub>LCh</sub>	92, 33.425, 180.994
Yxy	79.9104, 0.2657, 0.3498
Android (android.graphics.Color)	4288018919 (0xFF95F9E7)
YUV	217.0480, 6.8783, -59.6781
Hunter-Lab	89.3926, -35.2430, 4.3235

# Details

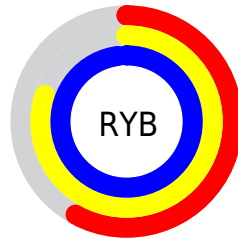
The Hex color **95F9E7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F995A7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **CFFFFFF**, and **5CC0B0** is the 20% darker color. If you saturate the color by 10%, you get **7CF9E3**, and if you desaturate by 10%, it is **AEF9EB**.

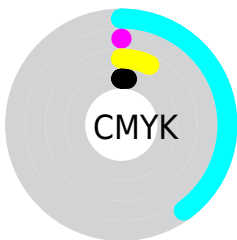
# Distribution



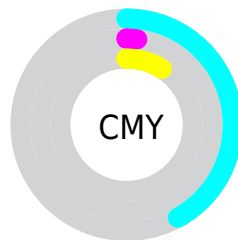
- Red (58%)
- Green (98%)
- Blue (91%)



- Red (58%)
- Yellow (80%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (42%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95F9E7 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 95F9E7 by changing the saturation by 10% instead.



 95F9E7

 95F9E7

FFFFFF

 78DCCB

 CFFFFFF

 5CC0B0

 ECFFFF

 3EA595

 198A7B

 007062

 00574B

 003F34

 00291F

 000C07

 95F9E7

 95F9E7

 7CF9E3

 AEF9EB

 63F9DE

 C7F9F0

 4AF9DA

 E0F9F4

 31F9D5

 F9F9F9

 19F9D1

 FFF9FD

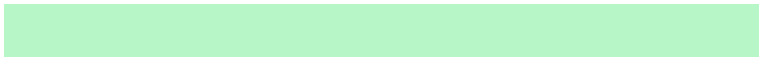
 00F9CC

 FFF9FF

# Harmonies

## Analogous

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



B6F6C7



95F9E7



86F8FF

# Triad

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



95F9E7



EDDEFF



FFDBB0

# Complementary

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



95F9E7



F995A7

# 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.



FFD2C8



95F9E7



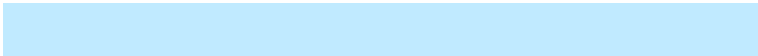
FFD4FF

# Square

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



95F9E7



C0EAFF



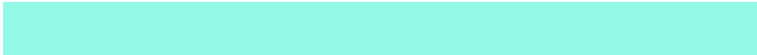
FFD0E7



FDE5A7

# Rectangle

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



95F9E7



8EF5FF



FFD0E7



FFD7B6



# Sweetspot

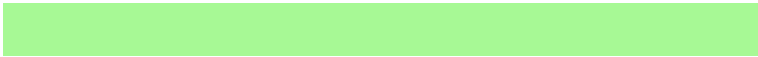
The Sweet Spot groups the original color and five complimentary colors.



95F9E7



E0FFF9



A7F995



6E807C



000000

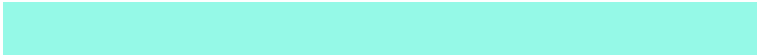


808080

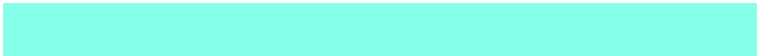


# Same Dimension

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



95F9E7



85FFE9



95D9F9



707D7B



00BD9B



003D32



# Inverse Universe

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



F995A7



FF859B



F9B595



7D7073



BD0022

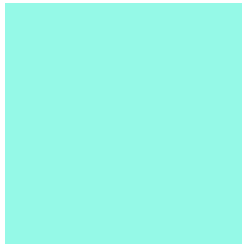


3D000B



# Previews

## White Background



This preview shows how the Hex color 95F9E7 looks on a white background.

## Color Contrast Check

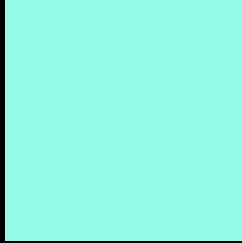
Large Text (above 18pt) WCAG AA × Fail

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 95F9E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

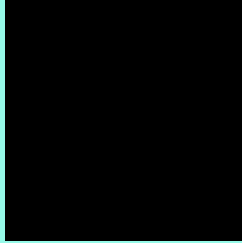
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95F9E7 Background



This preview shows how black text looks on a background with the Hex color 95F9E7.

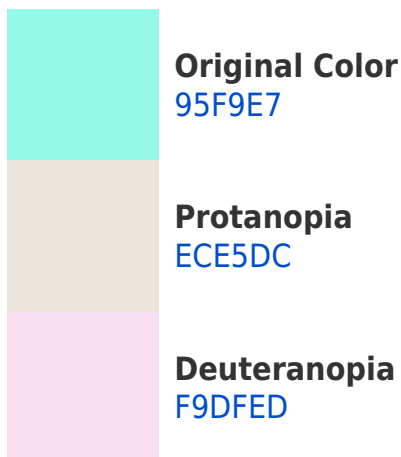


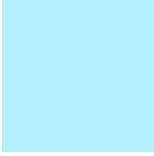
This preview shows how white text looks on a background with the Hex color 95F9E7.

# 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



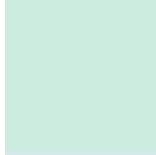


**Tritanopia**  
B5F0FF

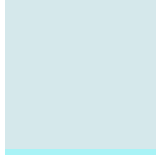
# Trichromacy



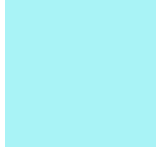
**Original Color**  
95F9E7



**Protanomaly**  
CCECE0



**Deuteranomaly**  
D5E8EB

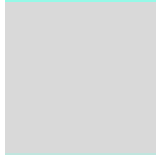


**Tritanomaly**  
A9F3F6

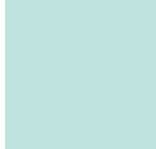
# Monochromacy



**Original Color**  
95F9E7



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C0E5DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95F9E7 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 #95F9E7 looks like.

```
.text, #text, p{  
    color:#95F9E7  
}
```

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 #95F9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95F9E7
}
```

## Border

The CSS property to change the border of an element to Hex 95F9E7 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
#95F9E7 }
```

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

```
.border{ border-color:#95F9E7 }
```

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

Here you see how a box with a 4 pixel #95F9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95F9E7; -webkit-box-shadow:4px 4px  
4px 4px #95F9E7; box-shadow:4px 4px 4px  
4px #95F9E7 }
```

# Background

The CSS property to change the background color of an element to Hex 95F9E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95F9E7 }
```

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

```
.background{ background-color:#95F9E7 }
```

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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