

# Converting Colors

Hex(93F0C9)

Have a look what the booklet for  
Hex(93F0C9) contains.

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**Color**

**Hex(93F0C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93F0C9
RGB	147, 240, 201
RGB Percent	58%, 94%, 79%
CMY	0.4235, 0.0588, 0.2118
CMYK	0.39, 0.00, 0.16, 0.06
HSL	155°, 76%, 76%
HSV	155°, 39%, 94%
XYZ	53.7353, 72.7403, 66.4665
YIQ	207.7470, -42.9090, -31.8450

# Conversions

## Conversions Part 2

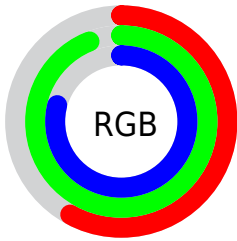
Format	Color
<a href="#">RYB</a>	<a href="#">147, 206, 240</a>
Decimal	<a href="#">9695433</a>
CIELab	<a href="#">88.32, -36.23, 10.21</a>
CIElCh	<a href="#">88, 37.644, 164.264</a>
Yxy	<a href="#">72.7403, 0.2785, 0.3770</a>
Android (android.graphics.Color)	<a href="#">4287885513 (0xFF93F0C9)</a>
YUV	<a href="#">207.7470, -3.3263, -53.2751</a>
Hunter-Lab	<a href="#">85.2879, -36.7906, 13.4957</a>

# Details

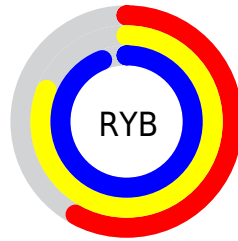
The Hex color **93F0C9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F093BA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CCFFFF**, and **5BB793** is the 20% darker color. If you saturate the color by 10%, you get **7BF0BF**, and if you desaturate by 10%, it is **ABF0D3**.

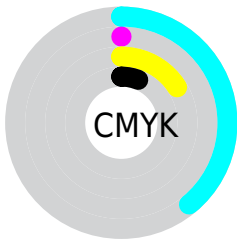
# Distribution



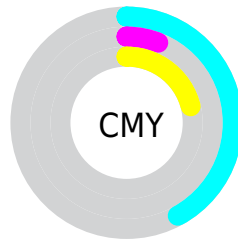
- Red (58%)
- Green (94%)
- Blue (79%)



- Red (58%)
- Yellow (81%)
- Blue (94%)



- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93F0C9 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 93F0C9 by changing the saturation by 10% instead.



 93F0C9

 93F0C9

FFFFFF

 77D3AE

 CCFFFF

 5BB793

 E9FFFF

 3F9C79

 1F8260

 006849

 004F32

 00381D

 002404

 000000

 93F0C9

 93F0C9

 7BF0BF

 ABF0D3

 63F0B5

 C3F0DD

 4BF0AB

 DBF0E7

 33F0A1

 F3F0F1

 1BF097

 FFF0FB

 03F08D

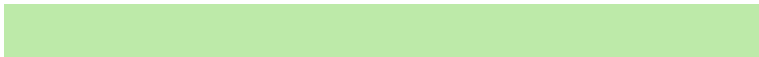
 FFF0FF

 00F08B

# Harmonies

## Analogous

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



BDEAA9



93F0C9



70F1EE

# Triad

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



93F0C9



C8DBFF



FFC9AD

# Complementary

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



93F0C9



F093BA

# 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.



FFC3CE



93F0C9



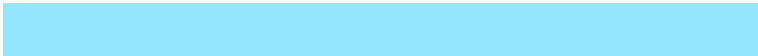
F8CEFF

# Square

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



93F0C9



92E7FF



FFC5F2



FFD599

# Rectangle

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



93F0C9



68F0FF



FFC5F2



FFC7B7

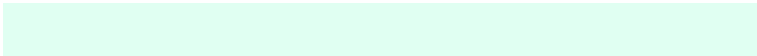


# Sweetspot

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



93F0C9



E0FFF2



BBF093



6E8078



000000



808080

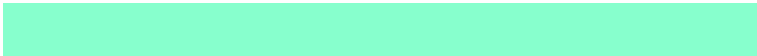


# Same Dimension

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



93F0C9



87FFCD



93EAF0



6C7873



00B86B



003821



# Inverse Universe

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



F093BA



FF87B9



F09993



786C71



B8004D

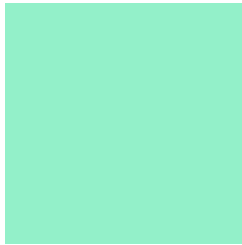


380018



# Previews

## White Background



This preview shows how the Hex color 93F0C9 looks on a white background.

## Color Contrast Check

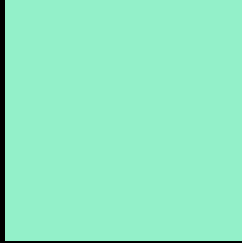
Large Text (above 18pt) WCAG AA × Fail

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 93F0C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

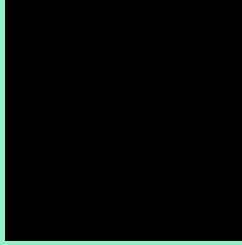
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93F0C9 Background



This preview shows how black text looks on a background with the Hex color 93F0C9.

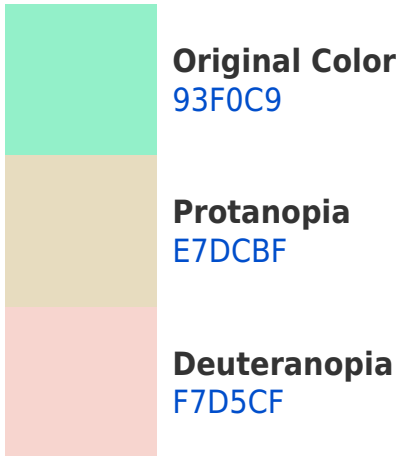


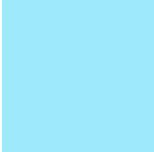
This preview shows how white text looks on a background with the Hex color 93F0C9.

# 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



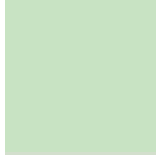


**Tritanopia**  
9FE9FC

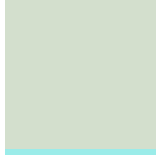
# Trichromacy



**Original Color**  
93F0C9



**Protanomaly**  
C8E3C3



**Deuteranomaly**  
D3DFCD

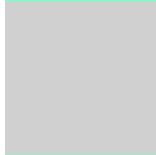


**Tritanomaly**  
9BECE9

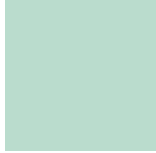
# Monochromacy



**Original Color**  
93F0C9



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
BADCCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93F0C9 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 #93F0C9 looks like.

```
.text, #text, p{  
    color:#93F0C9  
}
```

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 #93F0C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F0C9
}
```

## Border

The CSS property to change the border of an element to Hex 93F0C9 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
#93F0C9 }
```

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

```
.border{ border-color:#93F0C9 }
```

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

Here you see how a box with a 4 pixel #93F0C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F0C9; -webkit-box-shadow:4px 4px  
4px 4px #93F0C9; box-shadow:4px 4px 4px  
4px #93F0C9 }
```

# Background

The CSS property to change the background color of an element to Hex 93F0C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F0C9 }
```

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

```
.background{ background-color:#93F0C9 }
```

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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