

Converting Colors

Hex(93F1EA)

Have a look what the booklet for
Hex(93F1EA) contains.

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Color

Hex(93F1EA)

Conversions

Conversions Part 1

Format	Color
Hex	93F1EA
RGB	147, 241, 234
RGB Percent	58%, 95%, 92%
CMY	0.4235, 0.0549, 0.0824
CMYK	0.39, 0.00, 0.03, 0.05
HSL	176°, 77%, 76%
HSV	176°, 39%, 95%
XYZ	58.3392, 75.0542, 89.2540
YIQ	212.0960, -53.7770, -22.1050

Conversions

Conversions Part 2

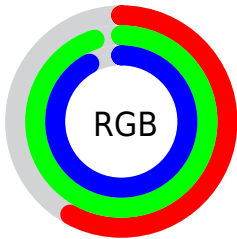
Format	Color
RYB	147, 196, 241
Decimal	9695722
CIELab	89.42, -29.47, -5.42
CIElCh	89, 29.961, 190.425
Yxy	75.0542, 0.2620, 0.3371
Android (android.graphics.Color)	4287885802 (0xFF93F1EA)
YUV	212.0960, 10.7987, -57.0892
Hunter-Lab	86.6338, -31.4072, -0.4395

Details

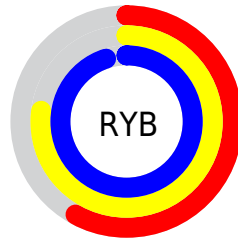
The Hex color **93F1EA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F1939A**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **CDFFFF**, and **5AB9B2** is the 20% darker color. If you saturate the color by 10%, you get **7BF1E8**, and if you desaturate by 10%, it is **ABF1EC**.

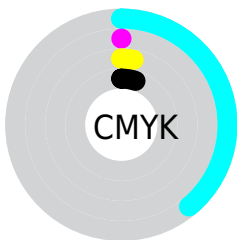
Distribution



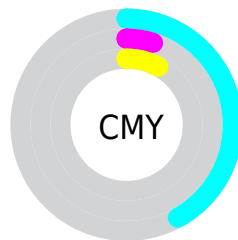
- Red (58%)
- Green (95%)
- Blue (92%)



- Red (58%)
- Yellow (77%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F1EA 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 93F1EA by changing the saturation by 10% instead.

 93F1EA

 93F1EA

FFFFFF

 77D4CE

 CDFFFF

 5AB9B2

 EAFFFF

 3C9D98

 18837E

 006A65

 00514D

 003936

 002421

 00000B

 93F1EA

 93F1EA

 7BF1E8

 ABF1EC

 63F1E6

 C3F1EE

 4BF1E5

 DBF1EF

 33F1E3

 F3F1F1

 1AF1E1

 FFF1F3

 02F1DF

 FFF1F5

 00F1DF

 FFF1F7

 FFF1F8

 FFF1FA

Harmonies

Analogous

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



ABEFCD



93F1EA



8FEFFF

Triad

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



93F1EA



F2D6FF



FFD9AC

Complementary

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



93F1EA



F1939A

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.



FFD0BD



93F1EA



FFCEF5

Square

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



93F1EA



CCE0FF



FFCCD8



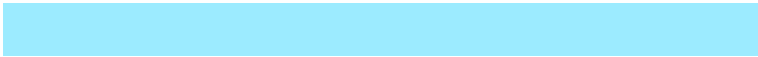
ECE2A8

Rectangle

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



93F1EA



9CEBFF



FFCCD8



FFD5B0

Sweetspot

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



93F1EA



E0FFFD



9BF193



6E807E



000000



808080

Same Dimension

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



93F1EA



87FFF6



93CAF1



6C7877



00B8AA



003834

Inverse Universe

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



F1939A



FF8790



F1BA93



786C6D



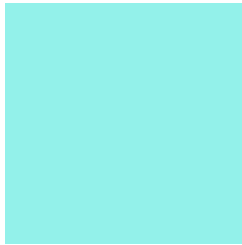
B8000E



380004

Previews

White Background



This preview shows how the Hex color 93F1EA looks on a white background.

Color Contrast Check

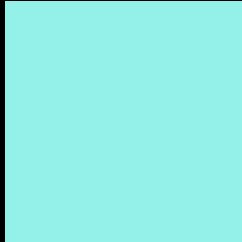
Large Text (above 18pt) WCAG AA × Fail

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 93F1EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

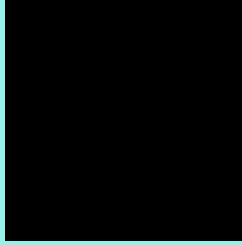
Any Text WCAG AA ✓ Pass

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 93F1EA Background



This preview shows how black text looks on a background with the Hex color 93F1EA.

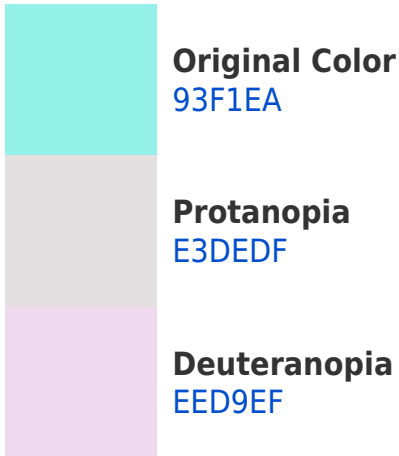


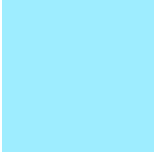
This preview shows how white text looks on a background with the Hex color 93F1EA.

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



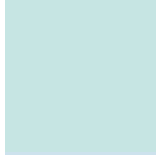


Tritanopia
9EEDFF

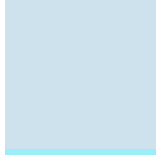
Trichromacy



Original Color
93F1EA



Protanomaly
C6E5E3



Deuteranomaly
CDE2ED

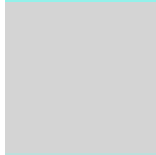


Tritanomaly
9AEEF7

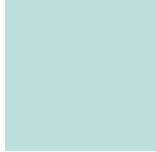
Monochromacy



Original Color
93F1EA



Achromatopsia
D4D4D4



Achromatomaly
BCDFDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F1EA 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 #93F1EA looks like.

```
.text, #text, p{  
    color:#93F1EA  
}
```

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 #93F1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F1EA
}
```

Border

The CSS property to change the border of an element to Hex 93F1EA 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
#93F1EA }
```

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

```
.border{ border-color:#93F1EA }
```

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

Here you see how a box with a 4 pixel #93F1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F1EA; -webkit-box-shadow:4px 4px  
4px 4px #93F1EA; box-shadow:4px 4px 4px  
4px #93F1EA }
```

Background

The CSS property to change the background color of an element to Hex 93F1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F1EA }
```

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

```
.background{ background-color:#93F1EA }
```

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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