

# Converting Colors

Hex(93E9EB)

Have a look what the booklet for  
Hex(93E9EB) contains.

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# **Color**

**Hex(93E9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E9EB
RGB	147, 233, 235
RGB Percent	58%, 91%, 92%
CMY	0.4235, 0.0863, 0.0784
CMYK	0.37, 0.01, 0.00, 0.08
HSL	181°, 69%, 75%
HSV	181°, 37%, 92%
XYZ	56.1669, 70.4790, 89.2408
YIQ	207.5140, -51.8980, -17.6100

# Conversions

## Conversions Part 2

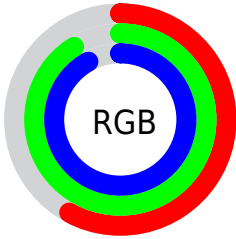
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 190, 235</a>
Decimal	<a href="#">9693675</a>
CIELab	<a href="#">87.23, -25.38, -9.18</a>
CIELCh	<a href="#">87, 26.990, 199.891</a>
Yxy	<a href="#">70.4790, 0.2602, 0.3265</a>
Android (android.graphics.Color)	<a href="#">4287883755</a> ( <a href="#">0xFF93E9EB</a> )
YUV	<a href="#">207.5140, 13.5506, -53.0708</a>
Hunter-Lab	<a href="#">83.9518, -27.4924, -4.2590</a>

# Details

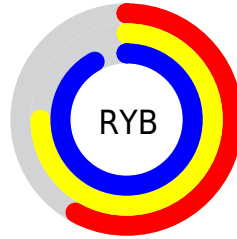
The Hex color **93E9EB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EB9593**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CCFFFF**, and **5BB1B3** is the 20% darker color. If you saturate the color by 10%, you get **7CE8EB**, and if you desaturate by 10%, it is **ABEAEB**.

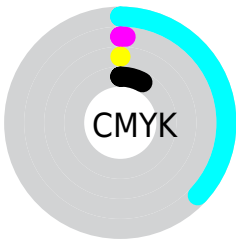
# Distribution



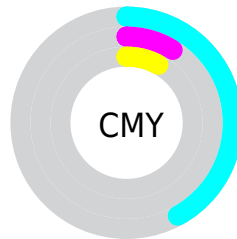
- Red (58%)
- Green (91%)
- Blue (92%)



- Red (58%)
- Yellow (75%)
- Blue (92%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E9EB 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 93E9EB by changing the saturation by 10% instead.



 93E9EB

 93E9EB

FFFFFF

 77CDCF

 CCFFFF

 5BB1B3

 EAFFFF

 3D9699

 1B7C7F

 006366

 004B4E

 003337

 002022

 00000B

 93E9EB

 93E9EB

 7CE8EB

 ABEAEB

 64E8EB

 C2EAEB

 4CE7EB

 D9EBEB

 35E7EB

 F1EBEB

 1DE6EB

 FFECEB

 06E6EB

 FFEDEB

 00E6EB

 FFEEBB

# Harmonies

## Analogous

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



A3E9D1



93E9EB



97E6FF

# Triad

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



93E9EB



F3CEFC



F6D6A8

# Complementary

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



93E9EB



EB9593

# 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.



FFCEB4



93E9EB



FFC9E4

# Square

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



93E9EB



D3D7FF



FFC9CA



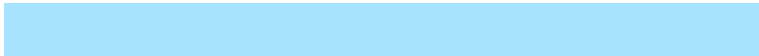
DCDEAA

# Rectangle

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



93E9EB



A7E2FF



FFC9CA



FDD3AB

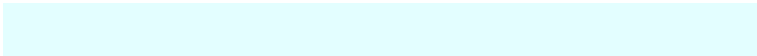


# Sweetspot

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



93E9EB



E3FEFF



93EB94



6F7F80



000000



808080



# Same Dimension

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



93E9EB



8CFCFF



93BEEB



6A7575



00B1B5



003436



# Inverse Universe

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



EB93E9



FF8CFC



EBC093



756A75



B500B1

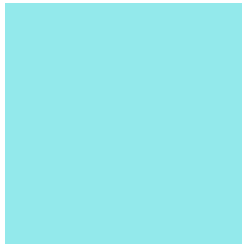


360034



# Previews

## White Background



This preview shows how the Hex color 93E9EB looks on a white background.

## Color Contrast Check

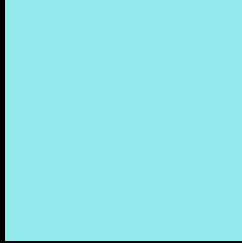
Large Text (above 18pt) WCAG AA × Fail

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 93E9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

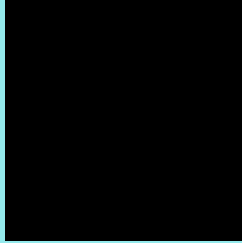
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93E9EB Background



This preview shows how black text looks on a background with the Hex color 93E9EB.

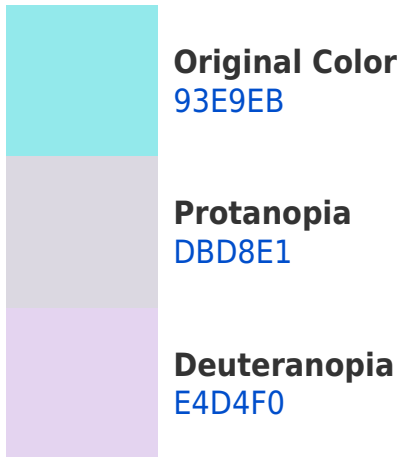


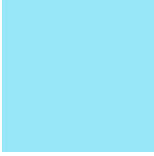
This preview shows how white text looks on a background with the Hex color 93E9EB.

# 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](#).

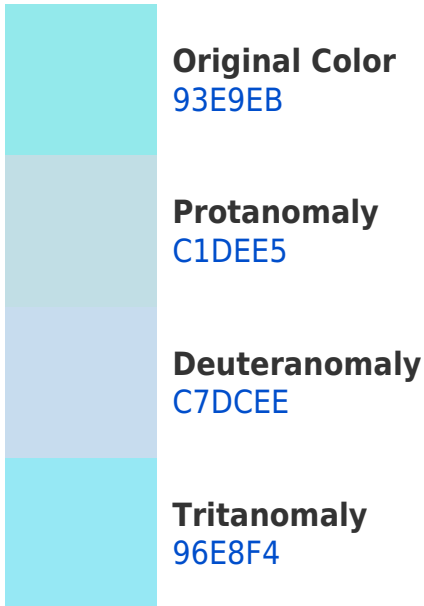
## Dichromacy



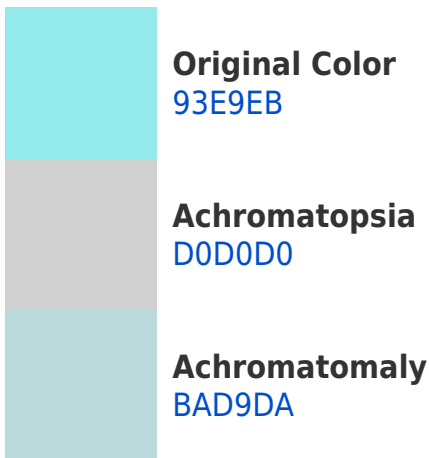


**Tritanopia**  
97E7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E9EB 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 #93E9EB looks like.

```
.text, #text, p{  
    color:#93E9EB  
}
```

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 #93E9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E9EB
}
```

## Border

The CSS property to change the border of an element to Hex 93E9EB 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
#93E9EB }
```

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

```
.border{ border-color:#93E9EB }
```

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

Here you see how a box with a 4 pixel #93E9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E9EB; -webkit-box-shadow:4px 4px  
4px 4px #93E9EB; box-shadow:4px 4px 4px  
4px #93E9EB }
```

# Background

The CSS property to change the background color of an element to Hex 93E9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E9EB }
```

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

```
.background{ background-color:#93E9EB }
```

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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