

# Converting Colors

Hex(93E0E7)

Have a look what the booklet for  
Hex(93E0E7) contains.

<b>Hex(93E0E7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93E0E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E0E7
RGB	147, 224, 231
RGB Percent	58%, 88%, 91%
CMY	0.4235, 0.1216, 0.0941
CMYK	0.36, 0.03, 0.00, 0.09
HSL	185°, 64%, 74%
HSV	185°, 36%, 91%
XYZ	53.1121, 65.2839, 85.4031
YIQ	201.7750, -48.1390, -14.1470

# Conversions

## Conversions Part 2

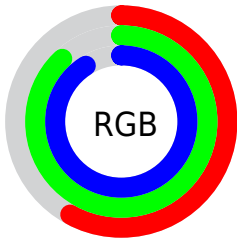
Format	Color
<b>RYB</b>	147, 187, 231
Decimal	9691367
CIELab	84.63, -21.92, -10.95
CIELCh	85, 24.497, 206.540
Yxy	65.2839, 0.2606, 0.3203
Android (android.graphics.Color)	4287881447 (0xFF93E0E7)
YUV	201.7750, 14.4079, -48.0377
Hunter-Lab	80.7984, -24.0620, -6.1100

# Details

The Hex color **93E0E7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E79A93**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CCFFFF**, and **5BA9AF** is the 20% darker color. If you saturate the color by 10%, you get **7CDEE7**, and if you desaturate by 10%, it is **AAE2E7**.

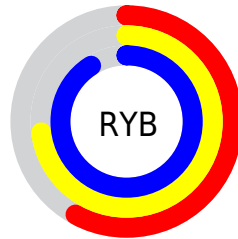
# Distribution



Red (58%)

Green (88%)

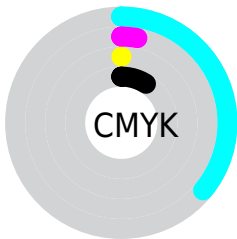
Blue (91%)



Red (58%)

Yellow (73%)

Blue (91%)

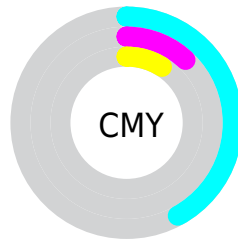


Cyan (36%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (42%)

Magenta (12%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E0E7 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 93E0E7 by changing the saturation by 10% instead.



 93E0E7

 93E0E7

FFFFFF

 77C4CB

 CCFFFF

 5BA9AF

 E9FFFF

 3F8E95

 20747B

 005B62

 00444A

 002D34

 001A1F

 000004

■ 93E0E7

■ 93E0E7

■ 7CDEE7

■ AAE2E7

■ 65DCE7

■ C1E4E7

■ 4EDAE7

■ D8E6E7

■ 37D8E7

■ EFE8E7

■ 1FD6E7

■ FFEAE7

■ 08D4E7

■ FFECE7

■ 00D4E7

■ FFEDE7

■ FFEFE7

■ FFF1E7

# Harmonies

## Analogous

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



9EE0D0



93E0E7



9CDCF9

# Triad

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



93E0E7



EFC7ED



E8D1A5

# Complementary

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



93E0E7



E79A93

# 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.



FAC9AE



93E0E7



FFC3D7

# Square

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



93E0E7



D4CEFC



FFC4C0



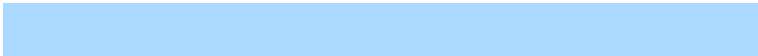
CFD8AA

# Rectangle

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



93E0E7



ABD8FF



FFC4C0



EFCEA7

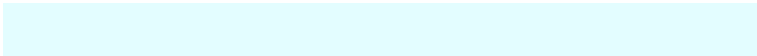


# Sweetspot

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



93E0E7



E3FDFF



93E79A



6F7E80



000000



808080



# Same Dimension

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



93E0E7



8FF6FF



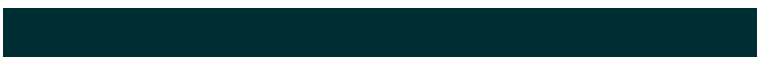
93B6E7



677273



00A4B3



002F33



# Inverse Universe

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



E793E0



FF8FF6



E7C493



736772



B300A4

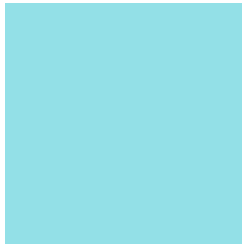


33002F



# Previews

## White Background



This preview shows how the Hex color 93E0E7 looks on a white background.

## Color Contrast Check

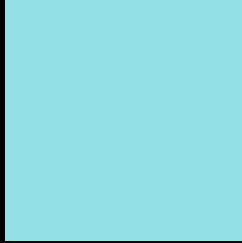
Large Text (above 18pt) WCAG AA × Fail

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 93E0E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

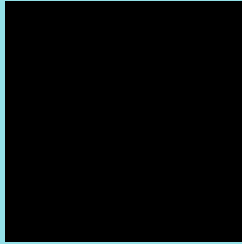
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93E0E7 Background



This preview shows how black text looks on a background with the Hex color 93E0E7.

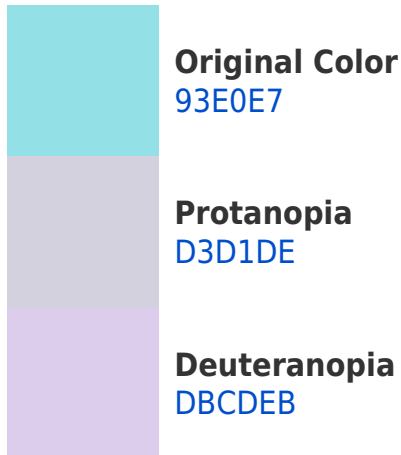


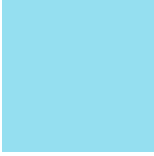
This preview shows how white text looks on a background with the Hex color 93E0E7.

# 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](#).

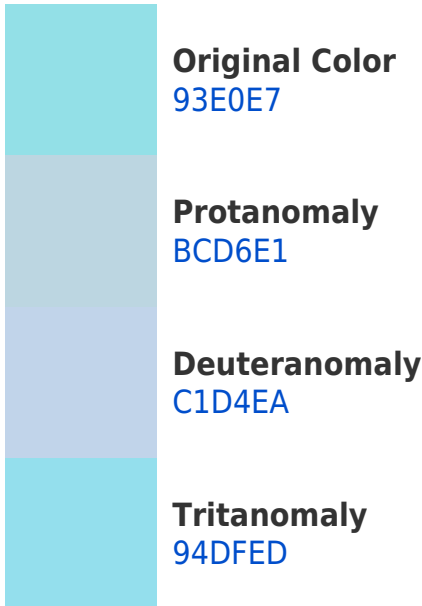
## Dichromacy



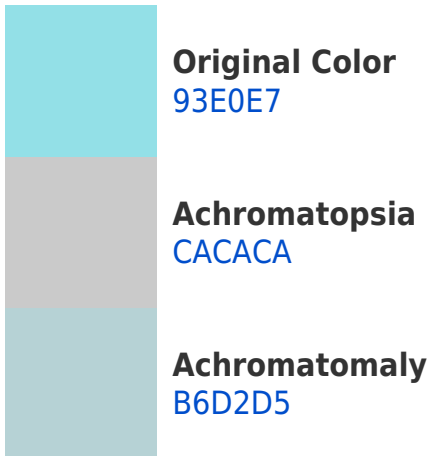


**Tritanopia**  
95DFF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E0E7 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 #93E0E7 looks like.

```
.text, #text, p{  
    color:#93E0E7  
}
```

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 #93E0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E0E7  
}
```

## Border

The CSS property to change the border of an element to Hex 93E0E7 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  
#93E0E7 }
```

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

```
.border{ border-color:#93E0E7 }
```

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

Here you see how a box with a 4 pixel #93E0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E0E7; -webkit-box-shadow:4px 4px  
4px 4px #93E0E7; box-shadow:4px 4px 4px  
4px #93E0E7 }
```

# Background

The CSS property to change the background color of an element to Hex 93E0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E0E7 }
```

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

```
.background{ background-color:#93E0E7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor