

# Converting Colors

Hex(93E0C0)

Have a look what the booklet for  
Hex(93E0C0) contains.

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**Color**

**Hex(93E0C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E0C0
RGB	147, 224, 192
RGB Percent	58%, 88%, 75%
CMY	0.4235, 0.1216, 0.2471
CMYK	0.34, 0.00, 0.14, 0.12
HSL	155°, 55%, 73%
HSV	155°, 34%, 88%
XYZ	48.2027, 63.3201, 59.5506
YIQ	197.3290, -35.6200, -26.2760

# Conversions

## Conversions Part 2

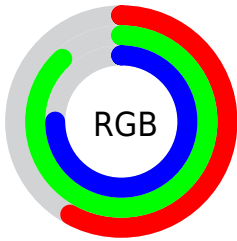
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 196, 224
Decimal	9691328
CIELab	83.61, -30.62, 8.18
CIELCh	84, 31.699, 165.037
Yxy	63.3201, 0.2818, 0.3701
Android (android.graphics.Color)	4287881408 (0xFF93E0C0)
YUV	197.3290, -2.6272, -44.1385
Hunter-Lab	79.5739, -31.1263, 11.3310

# Details

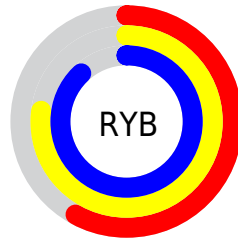
The Hex color **93E0C0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E093B3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CBFFF8**, and **5DA88B** is the 20% darker color. If you saturate the color by 10%, you get **7DE0B7**, and if you desaturate by 10%, it is **A9E0C9**.

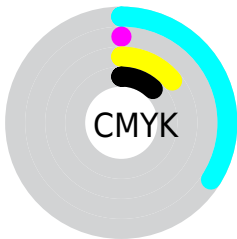
# Distribution



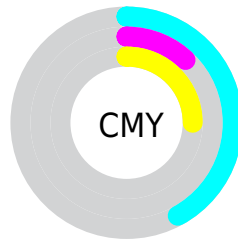
- Red (58%)
- Green (88%)
- Blue (75%)



- Red (58%)
- Yellow (77%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E0C0 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 93E0C0 by changing the saturation by 10% instead.



 93E0C0

 93E0C0

FFFFFF

 78C4A5

 CBFFF8

 5DA88B

 E8FFFF

 428E71

 267459

 005B41

 00432B

 002C17

 001500

 000000

 93E0C0

 93E0C0

 7DE0B7

 A9E0C9

 66E0AD

 C0E0D3

 50E0A4

 D6E0DC

 39E09B

 EDE0E5

 23E091

 FFE0EF

 0DE088

 FFE0F8

 00E083

 FFE0FF

# Harmonies

## Analogous

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



B5DBA5



93E0C0



7AE1DF

# Triad

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



93E0C0



C0CEFF



FFC0A7

# Complementary

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



93E0C0



E093B3

# 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.



FFBBC2



93E0C0



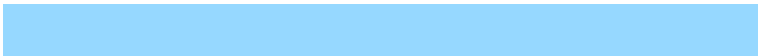
E7C4FB

# Square

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



93E0C0



96D8FF



FFBCE1



F3C997

# Rectangle

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



93E0C0



75E0F2



FFBCE1



FFBEB0



# Sweetspot

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



93E0C0



E6FFF4



B3E093



708079



000000



808080

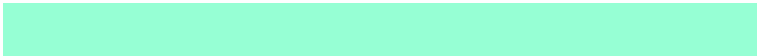


# Same Dimension

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



93E0C0



96FFD4



93DAE0



65706C



00B067



00301C



# Inverse Universe

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



E093B3



FF96C2



E09993



70656A



B00049

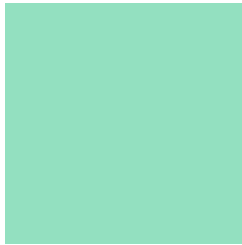


300014



# Previews

## White Background



This preview shows how the Hex color 93E0C0 looks on a white background.

## Color Contrast Check

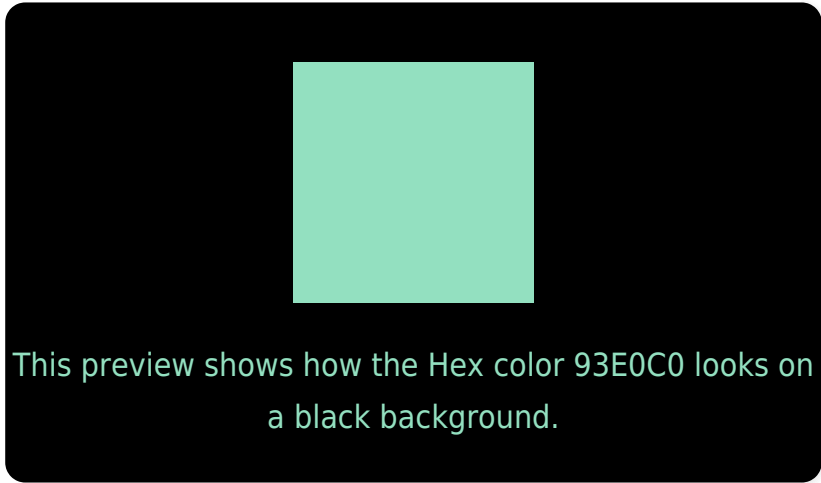
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

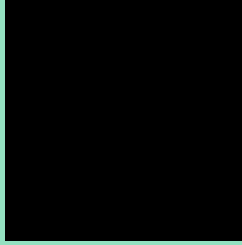
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

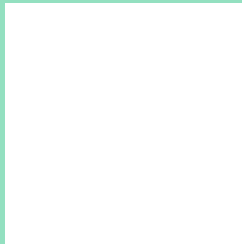
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93E0C0 Background



This preview shows how black text looks on a background with the Hex color 93E0C0.

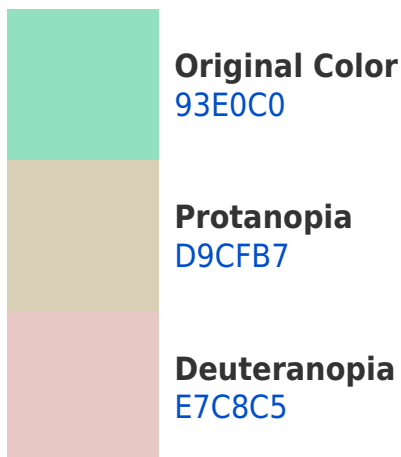


This preview shows how white text looks on a background with the Hex color 93E0C0.

# 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





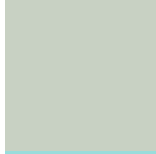
# Trichromacy



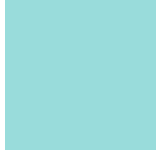
**Original Color**  
93E0C0



**Protanomaly**  
C0D5BA



**Deuteranomaly**  
C8D1C3

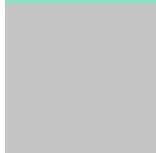


**Tritanomaly**  
99DCDB

# Monochromacy



**Original Color**  
93E0C0



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B3CFC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E0C0 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 #93E0C0 looks like.

```
.text, #text, p{  
    color:#93E0C0  
}
```

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 #93E0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E0C0
}
```

## Border

The CSS property to change the border of an element to Hex 93E0C0 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
#93E0C0 }
```

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

```
.border{ border-color:#93E0C0 }
```

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

Here you see how a box with a 4 pixel #93E0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E0C0; -webkit-box-shadow:4px 4px  
4px 4px #93E0C0; box-shadow:4px 4px 4px  
4px #93E0C0 }
```

# Background

The CSS property to change the background color of an element to Hex 93E0C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E0C0 }
```

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

```
.background{ background-color:#93E0C0 }
```

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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