

Converting Colors

Hex(93E7E2)

Have a look what the booklet for
Hex(93E7E2) contains.

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Color

Hex(93E7E2)

Conversions

Conversions Part 1

Format	Color
Hex	93E7E2
RGB	147, 231, 226
RGB Percent	58%, 91%, 89%
CMY	0.4235, 0.0941, 0.1137
CMYK	0.36, 0.00, 0.02, 0.09
HSL	176°, 64%, 74%
HSV	176°, 36%, 91%
XYZ	54.3360, 68.8459, 82.3763
YIQ	205.3140, -48.4590, -19.3630

Conversions

Conversions Part 2

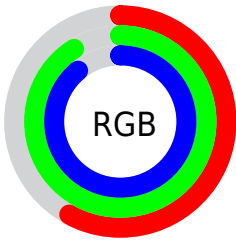
Format	Color
RYB	147, 190, 231
Decimal	9693154
CIELab	86.43, -26.53, -5.64
CIELCh	86, 27.119, 192.005
Yxy	68.8459, 0.2643, 0.3349
Android (android.graphics.Color)	4287883234 (0xFF93E7E2)
YUV	205.3140, 10.1982, -51.1414
Hunter-Lab	82.9734, -28.3109, -0.7819

Details

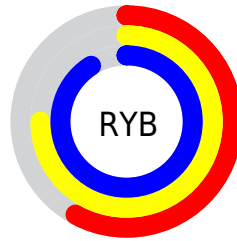
The Hex color **93E7E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E79398**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **CCFFFF**, and **5BAFAB** is the 20% darker color. If you saturate the color by 10%, you get **7CE7E1**, and if you desaturate by 10%, it is **AAE7E3**.

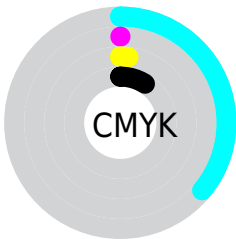
Distribution



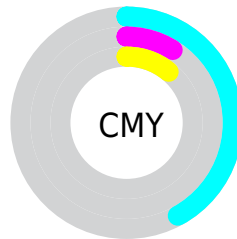
- Red (58%)
- Green (91%)
- Blue (89%)



- Red (58%)
- Yellow (75%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E7E2 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 93E7E2 by changing the saturation by 10% instead.

 93E7E2

 93E7E2

FFFFFF

 77CBC6

 CCFFFF

 5BAFAB

 E9FFFF

 3F9490

 1F7A77

 00615E

 004946

 003230

 001F1B

 000000

 93E7E2

 93E7E2

 7CE7E1

 AAE7E3

 65E7DF

 C1E7E5

 4EE7DE

 D8E7E6

 37E7DC

 EFE7E8

 1FE7DB

 FFE7E9

 08E7DA

 FFE7EA

 00E7D9

 FFE7EC

 FFE7ED

 FFE7EE

Harmonies

Analogous

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



A7E6C8



93E7E2



91E5FA

Triad

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



93E7E2



E9CEFF



FAD1A8

Complementary

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



93E7E2



E79398

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.



FFCAB7



93E7E2



FFC8E9

Square

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



93E7E2



C8D7FF



FFC6CF



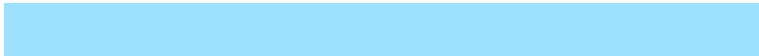
E1DAA6

Rectangle

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



93E7E2



9DE1FF



FFC6CF



FFCFAC

Sweetspot

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



93E7E2



E3FFFD



99E793



6F807F



000000



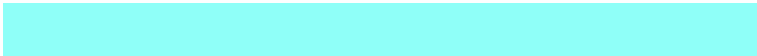
808080

Same Dimension

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



93E7E2



8FFFF8



93C3E7



677372



00B3A8



003330

Inverse Universe

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



E79398



FF8F95



E7B793



736768



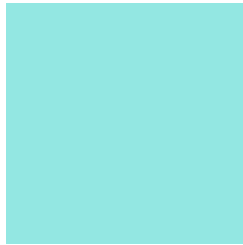
B3000B



330003

Previews

White Background



This preview shows how the Hex color 93E7E2 looks on a white background.

Color Contrast Check

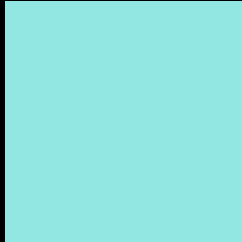
Large Text (above 18pt) WCAG AA × Fail

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 93E7E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

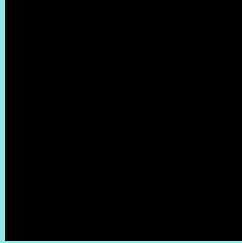
Any Text WCAG AA ✓ Pass

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 93E7E2 Background



This preview shows how black text looks on a background with the Hex color 93E7E2.

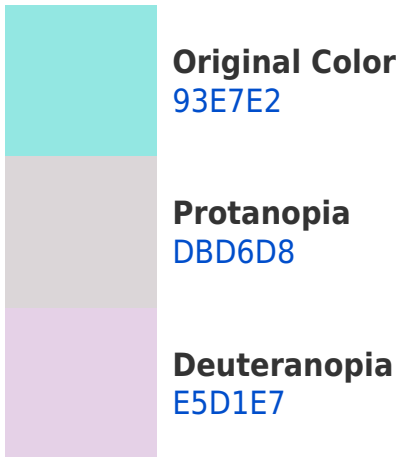


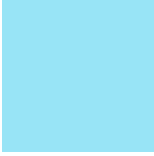
This preview shows how white text looks on a background with the Hex color 93E7E2.

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



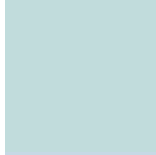


Tritanopia
98E4F6

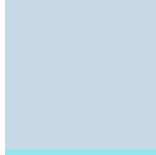
Trichromacy



Original Color
93E7E2



Protanomaly
C1DCDC



Deuteranomaly
C7D9E5

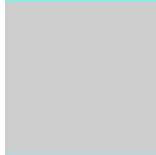


Tritanomaly
96E5EF

Monochromacy



Original Color
93E7E2



Achromatopsia
CDCDCD



Achromatomaly
B8D6D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E7E2 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 #93E7E2 looks like.

```
.text, #text, p{  
    color:#93E7E2  
}
```

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 #93E7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E7E2
}
```

Border

The CSS property to change the border of an element to Hex 93E7E2 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
#93E7E2 }
```

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

```
.border{ border-color:#93E7E2 }
```

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

Here you see how a box with a 4 pixel #93E7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E7E2; -webkit-box-shadow:4px 4px  
4px 4px #93E7E2; box-shadow:4px 4px 4px  
4px #93E7E2 }
```

Background

The CSS property to change the background color of an element to Hex 93E7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E7E2 }
```

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

```
.background{ background-color:#93E7E2 }
```

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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