

Converting Colors

Hex(93E8E4)

Have a look what the booklet for
Hex(93E8E4) contains.

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Color

Hex(93E8E4)

Conversions

Conversions Part 1

Format	Color
Hex	93E8E4
RGB	147, 232, 228
RGB Percent	58%, 91%, 89%
CMY	0.4235, 0.0902, 0.1059
CMYK	0.37, 0.00, 0.02, 0.09
HSL	177°, 65%, 74%
HSV	177°, 37%, 91%
XYZ	54.8928, 69.5177, 83.9239
YIQ	206.1290, -49.3760, -19.2640

Conversions

Conversions Part 2

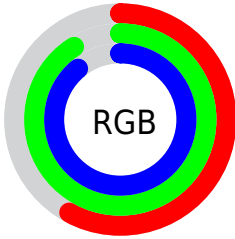
Format	Color
RYB	147, 191, 232
Decimal	9693412
CIELab	86.76, -26.54, -6.20
CIELCh	87, 27.259, 193.152
Yxy	69.5177, 0.2635, 0.3337
Android (android.graphics.Color)	4287883492 (0xFF93E8E4)
YUV	206.1290, 10.7824, -51.8561
Hunter-Lab	83.3773, -28.3918, -1.3146

Details

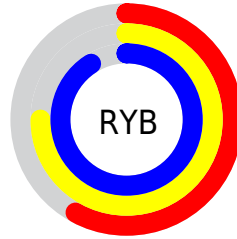
The Hex color **93E8E4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89397**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CCFFFF**, and **5BB0AD** is the 20% darker color. If you saturate the color by 10%, you get **7CE8E3**, and if you desaturate by 10%, it is **AAE8E5**.

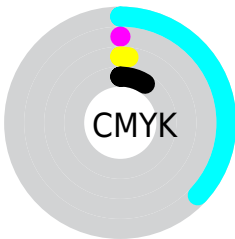
Distribution



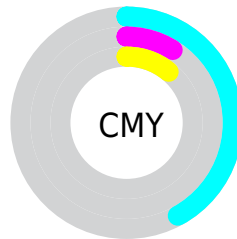
- Red (58%)
- Green (91%)
- Blue (89%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 93E8E4 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 93E8E4 by changing the saturation by 10% instead.

 93E8E4

 93E8E4

FFFFFF

 77CCC8

 CCFFFF

 5BB0AD

 E9FFFF

 3E9592

 1E7B78

 006260

 004A48

 003332

 001F1D

 000001

 93E8E4

 93E8E4

 7CE8E3

 AAE8E5

 65E8E2

 C1E8E6

 4DE8E1

 D9E8E7

 36E8E0

 F0E8E8

 1FE8DF

 FFE8E9

 08E8DD

 FFE8EB

 00E8DD

 FFE8EC

 FFE8ED

 FFE8EE

Harmonies

Analogous

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



A7E7C9



93E8E4



92E6FC

Triad

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



93E8E4



ECCFFF



FAD3A8

Complementary

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



93E8E4



E89397

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.



FFCBB7



93E8E4



FFC8E9

Square

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



93E8E4



CAD8FF



FFC7CF



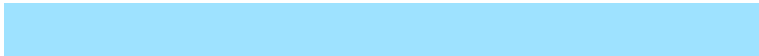
E1DBA7

Rectangle

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



93E8E4



9EE2FF



FFC7CF



FFD0AC

Sweetspot

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



93E8E4



E3FFFE



97E893



6F807F



000000



808080

Same Dimension

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



93E8E4



8FFFFA



93C2E8



677372



00B3AA



003331

Inverse Universe

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



E89397



FF8F94



E8B993



736768



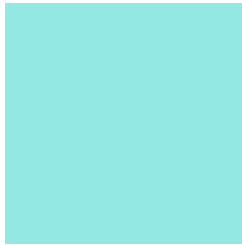
B30008



330002

Previews

White Background



This preview shows how the Hex color 93E8E4 looks on a white background.

Color Contrast Check

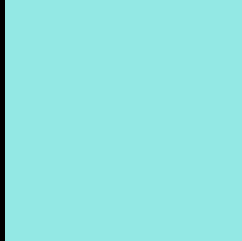
Large Text (above 18pt) WCAG AA × Fail

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 93E8E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

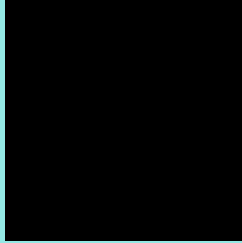
Any Text WCAG AA ✓ Pass

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 93E8E4 Background



This preview shows how black text looks on a background with the Hex color 93E8E4.

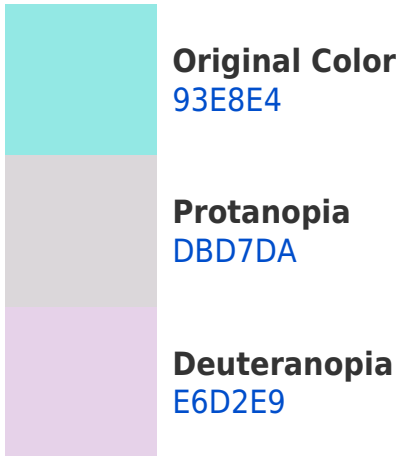


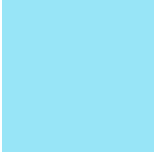
This preview shows how white text looks on a background with the Hex color 93E8E4.

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
98E5F7

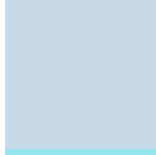
Trichromacy



Original Color
93E8E4



Protanomaly
C1DDDE



Deuteranomaly
C8DAE7

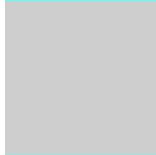


Tritanomaly
96E6F0

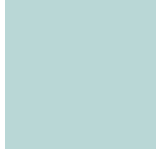
Monochromacy



Original Color
93E8E4



Achromatopsia
CECECE



Achromatomaly
B9D7D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E8E4 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 #93E8E4 looks like.

```
.text, #text, p{  
    color:#93E8E4  
}
```

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 #93E8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E8E4  
}
```

Border

The CSS property to change the border of an element to Hex 93E8E4 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  
#93E8E4 }
```

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

```
.border{ border-color:#93E8E4 }
```

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

Here you see how a box with a 4 pixel #93E8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E8E4; -webkit-box-shadow:4px 4px  
4px 4px #93E8E4; box-shadow:4px 4px 4px  
4px #93E8E4 }
```

Background

The CSS property to change the background color of an element to Hex 93E8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E8E4 }
```

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

```
.background{ background-color:#93E8E4 }
```

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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