

Converting Colors

Hex(93E9DD)

Have a look what the booklet for
Hex(93E9DD) contains.

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Color

Hex(93E9DD)

Conversions

Conversions Part 1

Format	Color
Hex	93E9DD
RGB	147, 233, 221
RGB Percent	58%, 91%, 87%
CMY	0.4235, 0.0863, 0.1333
CMYK	0.37, 0.00, 0.05, 0.09
HSL	172°, 66%, 75%
HSV	172°, 37%, 91%
XYZ	54.2227, 69.7013, 79.0025
YIQ	205.9180, -47.4040, -21.9640

Conversions

Conversions Part 2

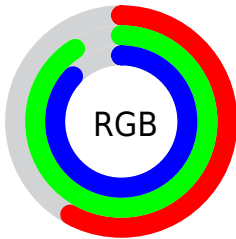
Format	Color
RYB	147, 193, 233
Decimal	9693661
CIELab	86.85, -28.64, -2.39
CIELCh	87, 28.735, 184.770
Yxy	69.7013, 0.2672, 0.3435
Android (android.graphics.Color)	4287883741 (0xFF93E9DD)
YUV	205.9180, 7.4354, -51.6711
Hunter-Lab	83.4873, -30.1721, 2.3361

Details

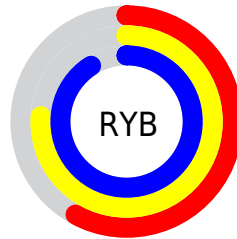
The Hex color **93E9DD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E9939F**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CCFFFF**, and **5BB1A6** is the 20% darker color. If you saturate the color by 10%, you get **7CE9DA**, and if you desaturate by 10%, it is **AAE9E0**.

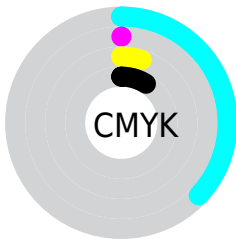
Distribution



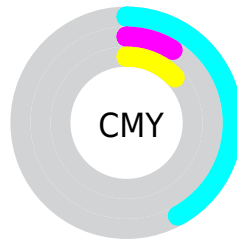
- Red (58%)
- Green (91%)
- Blue (87%)



- Red (58%)
- Yellow (76%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E9DD 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 93E9DD by changing the saturation by 10% instead.

 93E9DD

 93E9DD

FFFFFF

 77CDC1

 CCFFFF

 5BB1A6

 E9FFFF

 3F968C

 1F7C72

 00635A

 004A42

 00332C

 002018

 000000

 93E9DD

 93E9DD

 7CE9DA

 AAE9E0

 64E9D6

 C2E9E4

 4DE9D3

 D9E9E7

 36E9D0

 F0E9EA

 1EE9CD

 FFE9ED

 07E9C9

 FFE9F1

 00E9C8

 FFE9F4

 FFE9F7

 FFE9FA

Harmonies

Analogous

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



ACE7C1



93E9DD



8BE8F8

Triad

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



93E9DD



E3D1FF



FFD0A9

Complementary

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



93E9DD



E9939F

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.



FFC9BC



93E9DD



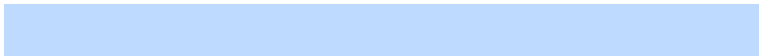
FFC9F1

Square

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



93E9DD



BEDAFF



FFC6D6



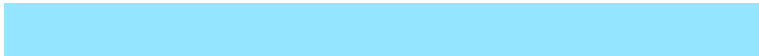
E9D9A3

Rectangle

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



93E9DD



94E5FF



FFC6D6



FFCDAE

Sweetspot

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



93E9DD



E3FFFB



A0E993



6F807D



000000



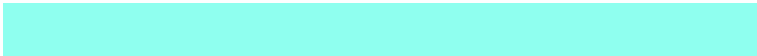
808080

Same Dimension

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



93E9DD



8FFFEF



93CBE9



6A7574



00B59C



00362E

Inverse Universe

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



E9939F



FF8F9E



E9B193



756A6B



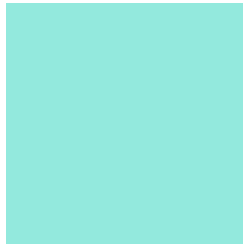
B50019



360007

Previews

White Background



This preview shows how the Hex color 93E9DD looks on a white background.

Color Contrast Check

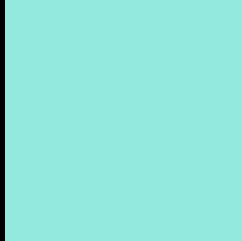
Large Text (above 18pt) WCAG AA × Fail

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 93E9DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

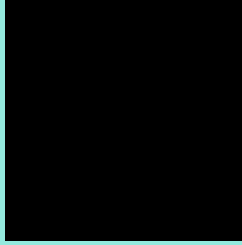
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

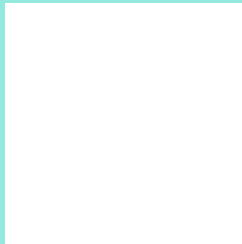
Any Text WCAG AAA ✓ Pass

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

Hex 93E9DD Background



This preview shows how black text looks on a background with the Hex color 93E9DD.



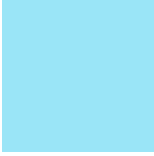
This preview shows how white text looks on a background with the Hex color 93E9DD.

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



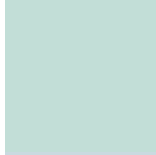


Tritanopia
9AE5F7

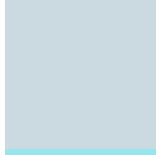
Trichromacy



Original Color
93E9DD



Protanomaly
C2DED7



Deuteranomaly
CADAE0

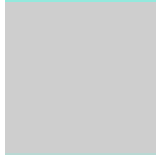


Tritanomaly
97E6EE

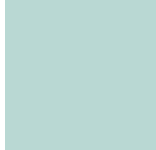
Monochromacy



Original Color
93E9DD



Achromatopsia
CECECE



Achromatomaly
B9D8D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E9DD 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 #93E9DD looks like.

```
.text, #text, p{  
    color:#93E9DD  
}
```

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 #93E9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E9DD
}
```

Border

The CSS property to change the border of an element to Hex 93E9DD 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
#93E9DD }
```

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

```
.border{ border-color:#93E9DD }
```

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

Here you see how a box with a 4 pixel #93E9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E9DD; -webkit-box-shadow:4px 4px  
4px 4px #93E9DD; box-shadow:4px 4px 4px  
4px #93E9DD }
```

Background

The CSS property to change the background color of an element to Hex 93E9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E9DD }
```

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

```
.background{ background-color:#93E9DD }
```

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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