

Converting Colors

Hex(93EAE6)

Have a look what the booklet for
Hex(93EAE6) contains.

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Color

Hex(93EAE6)

Conversions

Conversions Part 1

Format	Color
Hex	93EAE6
RGB	147, 234, 230
RGB Percent	58%, 92%, 90%
CMY	0.4235, 0.0824, 0.0980
CMYK	0.37, 0.00, 0.02, 0.08
HSL	177°, 67%, 75%
HSV	177°, 37%, 92%
XYZ	55.7384, 70.7619, 85.5836
YIQ	207.5310, -50.5680, -19.6880

Conversions

Conversions Part 2

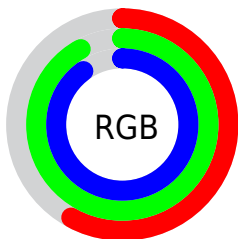
Format	Color
RYB	147, 192, 234
Decimal	9693926
CIELab	87.37, -27.04, -6.35
CIELCh	87, 27.780, 193.219
Yxy	70.7619, 0.2628, 0.3337
Android (android.graphics.Color)	4287884006 (0xFF93EAE6)
YUV	207.5310, 11.0772, -53.0857
Hunter-Lab	84.1201, -28.9351, -1.4375

Details

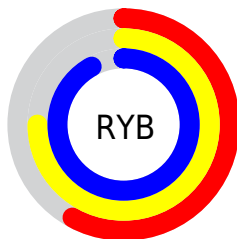
The Hex color **93EAE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EA9397**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CCFFFF**, and **5BB2AF** is the 20% darker color. If you saturate the color by 10%, you get **7CEAE5**, and if you desaturate by 10%, it is **AAEAE7**.

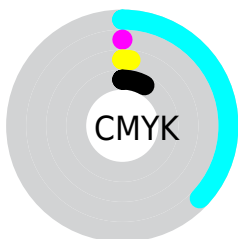
Distribution



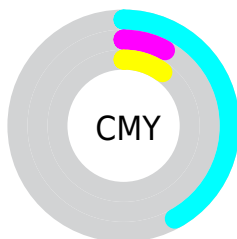
- Red (58%)
- Green (92%)
- Blue (90%)



- Red (58%)
- Yellow (75%)
- Blue (92%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (42%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93EAE6 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 93EAE6 by changing the saturation by 10% instead.

 93EAE6

FFFFFF

 CCFFFF

 EAFFFF

 93EAE6

 77CECA

 5BB2AF

 3E9794

 1C7D7A

 006461

 004B4A

 003433

 00201E

 000004

93EAE6

93EAE6

7CEAE5

AAEAE7

64EAE4

C2EAE8

4DEAE3

D9EAE9

35EAE2

F1EAEA

1EEAE1

FFEAEB

07EAE0

FFEAE C

00EADF

FFEAE E

FFEAE F

FFEAE F0

Harmonies

Analogous

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



A8E9CB



93EAE6



92E8FE

Triad

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



93EAE6



EED0FF



FCD4A9

Complementary

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



93EAE6



EA9397

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.



FFCCB8



93EAE6



FFCAEB

Square

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



93EAE6



CBD9FF



FFC8D0



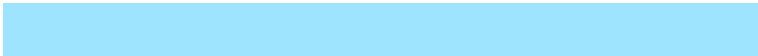
E3DDA7

Rectangle

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



93EAE6



9FE4FF



FFC8D0



FFD1AD

Sweetspot

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



93EAE6



E3FFFE



97EA93



6F807F



000000



808080

Same Dimension

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



93EAE6



8CFFFA



93C3EA



6A7575



00B5AD



003633

Inverse Universe

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



EA9397



FF8C92



EABA93



756A6A



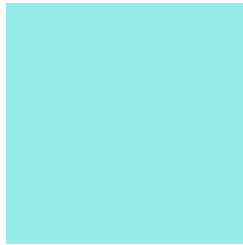
B50008



360002

Previews

White Background



This preview shows how the Hex color 93EAE6 looks on a white background.

Color Contrast Check

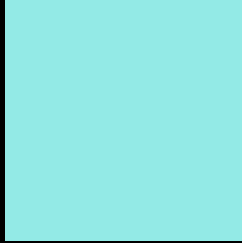
Large Text (above 18pt) WCAG AA × Fail

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 93EAE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

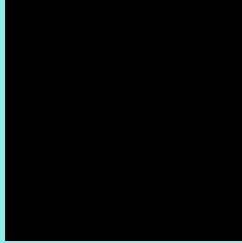
Any Text WCAG AA ✓ Pass

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 93EAE6 Background



This preview shows how black text looks on a background with the Hex color 93EAE6.

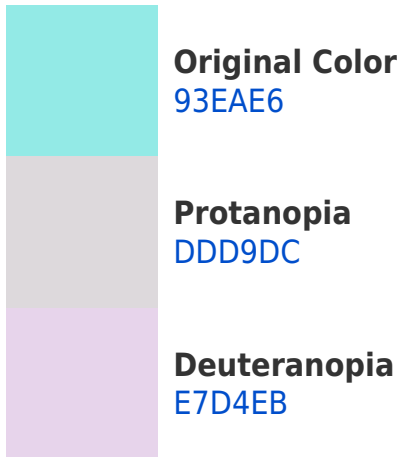


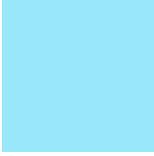
This preview shows how white text looks on a background with the Hex color 93EAE6.

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



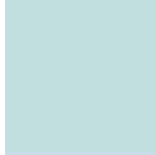


Tritanopia
98E7FA

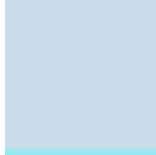
Trichromacy



Original Color
93EAE6



Protanomaly
C2DFE0



Deuteranomaly
C8DCE9

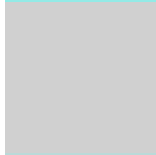


Tritanomaly
96E8F3

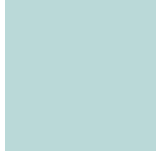
Monochromacy



Original Color
93EAE6



Achromatopsia
D0D0D0



Achromatomaly
BAD9D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 93EAE6 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 #93EAE6 looks like.

```
.text, #text, p{  
    color:#93EAE6  
}
```

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 #93EAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93EAE6  
}
```

Border

The CSS property to change the border of an element to Hex 93EAE6 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  
#93EAE6 }
```

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

```
.border{ border-color:#93EAE6 }
```

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

Here you see how a box with a 4 pixel #93EAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93EAE6; -webkit-box-shadow:4px 4px  
4px 4px #93EAE6; box-shadow:4px 4px 4px  
4px #93EAE6 }
```

Background

The CSS property to change the background color of an element to Hex 93EAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93EAE6 }
```

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

```
.background{ background-color:#93EAE6 }
```

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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