

Converting Colors

Hex(93EBEB)

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

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Color

Hex(93EBEB)

Conversions

Conversions Part 1

Format	Color
Hex	93EBEB
RGB	147, 235, 235
RGB Percent	58%, 92%, 92%
CMY	0.4235, 0.0784, 0.0784
CMYK	0.37, 0.00, 0.00, 0.08
HSL	180°, 69%, 75%
HSV	180°, 37%, 92%
XYZ	56.7363, 71.6179, 89.4306
YIQ	208.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

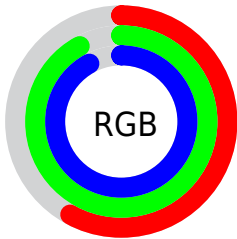
Format	Color
RYB	147, 191, 235
Decimal	9694187
CIELab	87.78, -26.35, -8.36
CIELCh	88, 27.645, 197.606
Yxy	71.6179, 0.2605, 0.3288
Android (android.graphics.Color)	4287884267 (0xFF93EBEB)
YUV	208.6880, 12.9718, -54.1004
Hunter-Lab	84.6273, -28.4268, -3.4160

Details

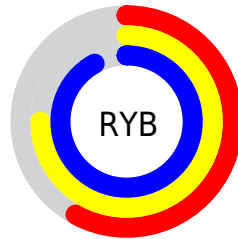
The Hex color **93EBEB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EB9393**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CCFFFF**, and **5AB3B3** is the 20% darker color. If you saturate the color by 10%, you get **7CEBEB**, and if you desaturate by 10%, it is **ABEBEB**.

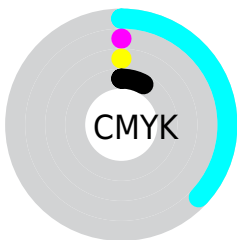
Distribution



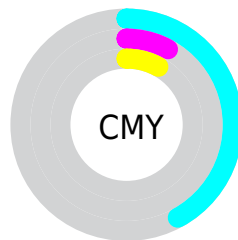
- Red (58%)
- Green (92%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

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

 93EBEB

 93EBEB

FFFFFF

 77CFCF

 CCFFFF

 5AB3B3

 EAFFFF

 3D9899

 1A7E7F

 006566

 004C4E

 003537

 002122

 00000B

 93EBEB

 93EBEB

 7CEBEB

 ABEBEB

 64EBEB

 C2EBEB

 4CEBEB

 D9EBEB

 35EBEB

 F1EBEB

 1DEBEB

 FFEBEB

 06EBEB

 00EBEB

Harmonies

Analogous

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



A5EAD0



93EBEB



96E8FF

Triad

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



93EBEB



F3D0FF



FAD7A9

Complementary

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



93EBEB



EB9393

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.



FFCEB6



93EBEB



FFCAE8

Square

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



93EBEB



D2D9FF



FFCACD



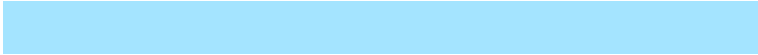
E0DFAA

Rectangle

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



93EBEB



A4E4FF



FFCACD



FFD4AC

Sweetspot

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



93EBEB



E3FFFF



93EB93



6F8080



000000



808080

Same Dimension

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



93EBEB



8CFFFF



93BFEB



6A7575



00B5B5



003636

Inverse Universe

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



EB93EB



FF8CFF



EBBF93



756A75



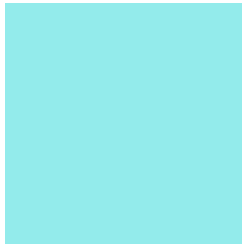
B500B5



360036

Previews

White Background



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

Color Contrast Check

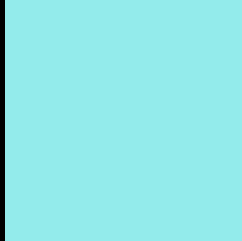
Large Text (above 18pt) WCAG AA × Fail

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 93EBEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

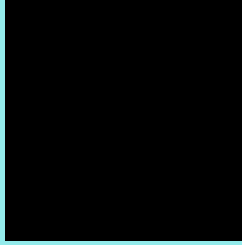
Any Text WCAG AA ✓ Pass

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 93EBEB Background



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



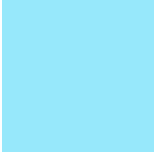
This preview shows how white text looks on a background with the Hex color 93EBEB.

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



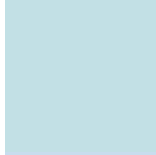


Tritanopia
97E8FB

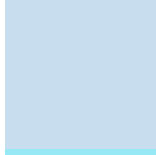
Trichromacy



Original Color
93EBEB



Protanomaly
C2E0E5



Deuteranomaly
C8DDEE

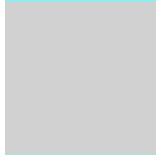


Tritanomaly
96E9F5

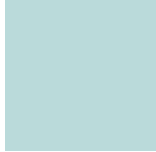
Monochromacy



Original Color
93EBEB



Achromatopsia
D1D1D1



Achromatomaly
BADADA

CSS Examples

Text

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

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

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 #93EBEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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