

# Converting Colors

Hex(94EBE6)

Have a look what the booklet for  
Hex(94EBE6) contains.

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# **Color**

**Hex(94EBE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94EBE6
RGB	148, 235, 230
RGB Percent	58%, 92%, 90%
CMY	0.4196, 0.0784, 0.0980
CMYK	0.37, 0.00, 0.02, 0.08
HSL	177°, 69%, 75%
HSV	177°, 37%, 92%
XYZ	56.2040, 71.4257, 85.6872
YIQ	208.4170, -50.2470, -19.9990

# Conversions

## Conversions Part 2

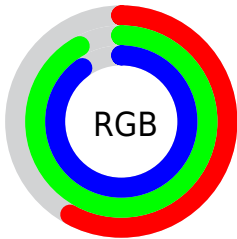
Format	Color
<a href="#">RYB</a>	<a href="#">148, 193, 235</a>
Decimal	<a href="#">9759718</a>
CIELab	<a href="#">87.69, -27.27, -5.87</a>
CIELCh	<a href="#">88, 27.896, 192.150</a>
Yxy	<a href="#">71.4257, 0.2635, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4287949798 (0xFF94EBE6)</a>
YUV	<a href="#">208.4170, 10.6404, -52.9857</a>
Hunter-Lab	<a href="#">84.5137, -29.1916, -0.9536</a>

# Details

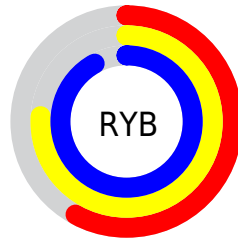
The Hex color **94EBE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EB9499**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CDFFFF**, and **5CB3AF** is the 20% darker color. If you saturate the color by 10%, you get **7DEBE5**, and if you desaturate by 10%, it is **ACEBE7**.

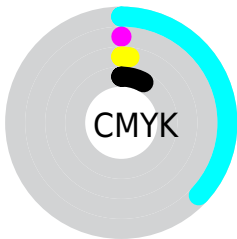
# Distribution



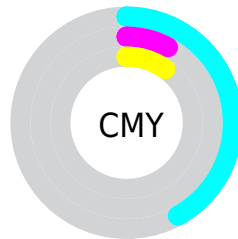
- Red (58%)
- Green (92%)
- Blue (90%)



- Red (58%)
- Yellow (76%)
- 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 94EBE6 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 94EBE6 by changing the saturation by 10% instead.



 94EBE6

 94EBE6

FFFFFF


 78CFCA

 CDFFFF

 5CB3AF

 EBFFFF

 3F9894

 1E7E7A

 006461

 004C4A

 003533

 00211E

 000005

 94EBE6

 94EBE6

 7DEBE5

 ACEBE7

 65EBE3

 C3EBE9

 4EEBE2

 DBEBEA

 36EBE1

 F2EBEB

 1FEBDF

 FFEBED

 07EBDE

 FFEBEE

 00EBDD

 FFEBEF

 FFEBF1

 FFEBF2

# Harmonies

## Analogous

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



A9EACB



94EBE6



92E9FE

# Triad

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



94EBE6



EED1FF



FED5AA

# Complementary

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



94EBE6



EB9499

# 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.



FFCDB9



94EBE6



FFCBED

# Square

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



94EBE6



CBDBFF



FFC9D2



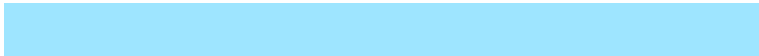
E5DEA8

# Rectangle

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



94EBE6



9EE5FF



FFC9D2



FFD2AE



# Sweetspot

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



94EBE6



E3FFFD



9AEB94



6F807F



000000



808080



# Same Dimension

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



94EBE6



8FFFF9



94C5EB



6A7575



00B5AB



003632



# Inverse Universe

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



EB9499



FF8F95



EBBA94



756A6A



B5000A

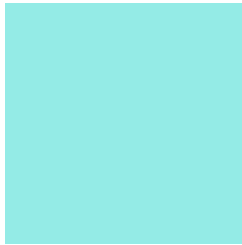


360003



# Previews

## White Background



This preview shows how the Hex color 94EBE6 looks on a white background.

## Color Contrast Check

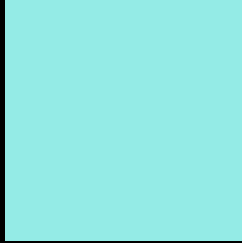
Large Text (above 18pt) WCAG AA × Fail

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 94EBE6 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 94EBE6 Background



This preview shows how black text looks on a background with the Hex color 94EBE6.



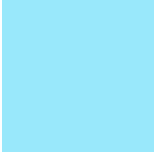
This preview shows how white text looks on a background with the Hex color 94EBE6.

# 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



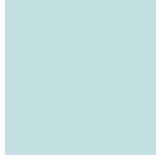


**Tritanopia**  
99E8FB

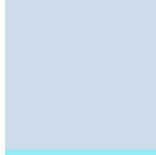
# Trichromacy



**Original Color**  
94EBE6



**Protanomaly**  
C3E0E0



**Deuteranomaly**  
CADDE9

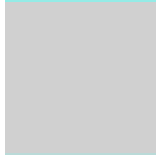


**Tritanomaly**  
97E9F3

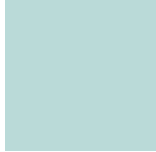
# Monochromacy



**Original Color**  
94EBE6



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
BADAD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94EBE6 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 #94EBE6 looks like.

```
.text, #text, p{  
    color:#94EBE6  
}
```

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 #94EBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94EBE6
}
```

## Border

The CSS property to change the border of an element to Hex 94EBE6 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
#94EBE6 }
```

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

```
.border{ border-color:#94EBE6 }
```

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

Here you see how a box with a 4 pixel #94EBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94EBE6; -webkit-box-shadow:4px 4px  
4px 4px #94EBE6; box-shadow:4px 4px 4px  
4px #94EBE6 }
```

# Background

The CSS property to change the background color of an element to Hex 94EBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94EBE6 }
```

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

```
.background{ background-color:#94EBE6 }
```

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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