

# Converting Colors

Hex(99EBEB)

Have a look what the booklet for  
Hex(99EBEB) contains.

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# **Color**

**Hex(99EBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99EBEB
RGB	153, 235, 235
RGB Percent	60%, 92%, 92%
CMY	0.4000, 0.0784, 0.0784
CMYK	0.35, 0.00, 0.00, 0.08
HSL	180°, 67%, 76%
HSV	180°, 35%, 92%
XYZ	57.8406, 72.1871, 89.4822
YIQ	210.4820, -48.8720, -17.3840

# Conversions

## Conversions Part 2

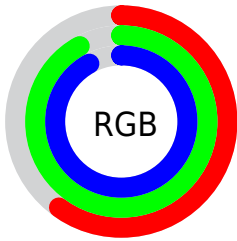
Format	Color
<a href="#">RYB</a>	<a href="#">153, 194, 235</a>
Decimal	<a href="#">10087403</a>
CIELab	<a href="#">88.06, -24.82, -7.93</a>
CIELCh	<a href="#">88, 26.054, 197.709</a>
Yxy	<a href="#">72.1871, 0.2635, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4288277483 (0xFF99EBEB)</a>
YUV	<a href="#">210.4820, 12.0874, -50.4117</a>
Hunter-Lab	<a href="#">84.9630, -27.1671, -2.9696</a>

# Details

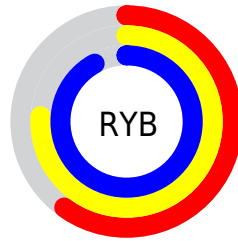
The Hex color **99EBEB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EB9999**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D2FFFF**, and **61B3B3** is the 20% darker color. If you saturate the color by 10%, you get **82EBEB**, and if you desaturate by 10%, it is **B1EBEB**.

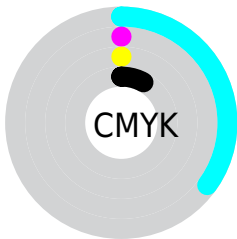
# Distribution



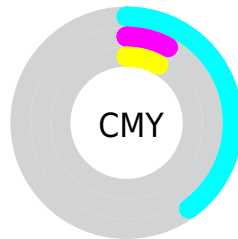
- Red (60%)
- Green (92%)
- Blue (92%)



- Red (60%)
- Yellow (76%)
- Blue (92%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99EBEB 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 99EBEB by changing the saturation by 10% instead.



 99EBEB

 99EBEB

FFFFFF

 7DCFCF

 D2FFFF

 61B3B3

 F0FFFF

 459899

 267E7F

 006566

 004C4E

 003537

 002122

 00000B

 99EBEB

 99EBEB

 82EBEB

 B1EBEB

 6AEBEB

 C8EBEB

 52EBEB

 DFEBEB

 3BEBEB

 F7EBEB

 23EBEB

 FFEBEB

 0CEBEB

 00EBEB

# Harmonies

## Analogous

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



AAEAD1



99EBEB



9CE8FF

# Triad

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



99EBEB



F3D2FE



F9D8AD

# Complementary

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



99EBEB



EB9999

# 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.



FFD0B9



99EBEB



FFCCE8

# Square

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



99EBEB



D4DAFF



FFCCCF



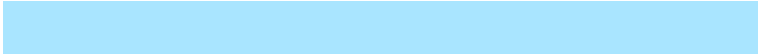
E0E0AD

# Rectangle

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



99EBEB



A9E5FF



FFCCCF



FFD5B0



# Sweetspot

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



99EBEB



E6FFFF



99EB99



708080



000000



808080



# Same Dimension

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



99EBEB



94FFFF



99C2EB



6A7575



00B5B5



003636



# Inverse Universe

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



EB99EB



FF94FF



EBC299



756A75



B500B5

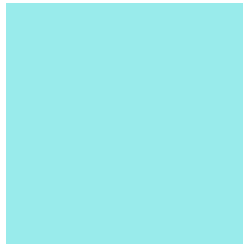


360036



# Previews

## White Background



This preview shows how the Hex color 99EBEB looks on a white background.

## Color Contrast Check

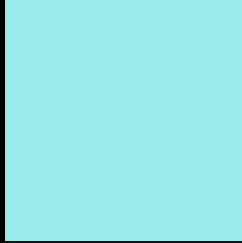
Large Text (above 18pt) WCAG AA × Fail

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 99EBEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

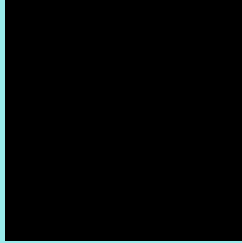
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99EBEB Background



This preview shows how black text looks on a background with the Hex color 99EBEB.

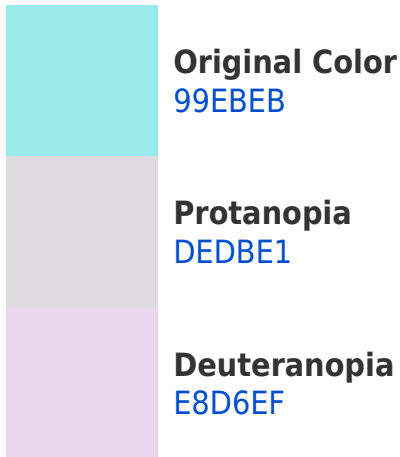


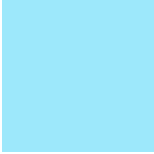
This preview shows how white text looks on a background with the Hex color 99EBEB.

# 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



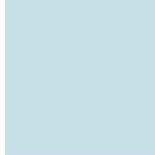


**Tritanopia**  
9DE8FB

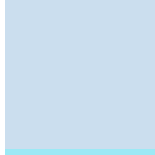
# Trichromacy



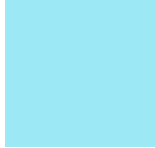
**Original Color**  
99EBEB



**Protanomaly**  
C5E1E5



**Deuteranomaly**  
CBDEEE

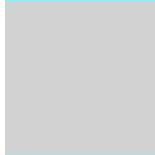


**Tritanomaly**  
9CE9F5

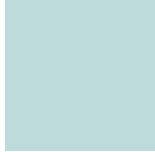
# Monochromacy



**Original Color**  
99EBEB



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BDDDBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99EBEB 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 #99EBEB looks like.

```
.text, #text, p{  
    color:#99EBEB  
}
```

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 #99EBEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99EBEB
}
```

## Border

The CSS property to change the border of an element to Hex 99EBEB 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
#99EBEB }
```

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

```
.border{ border-color:#99EBEB }
```

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

Here you see how a box with a 4 pixel #99EBEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99EBEB; -webkit-box-shadow:4px 4px  
4px 4px #99EBEB; box-shadow:4px 4px 4px  
4px #99EBEB }
```

# Background

The CSS property to change the background color of an element to Hex 99EBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99EBEB }
```

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

```
.background{ background-color:#99EBEB }
```

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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