

# Converting Colors

Hex(96E3E3)

Have a look what the booklet for  
Hex(96E3E3) contains.

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# **Color**

**Hex(96E3E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96E3E3
RGB	150, 227, 227
RGB Percent	59%, 89%, 89%
CMY	0.4118, 0.1098, 0.1098
CMYK	0.34, 0.00, 0.00, 0.11
HSL	180°, 58%, 74%
HSV	180°, 34%, 89%
XYZ	53.9119, 66.9683, 82.7578
YIQ	203.9770, -45.8920, -16.3240

# Conversions

## Conversions Part 2

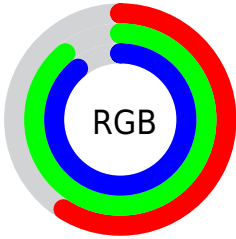
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 189, 227
Decimal	9888739
CIELab	85.49, -23.56, -7.54
CIElCh	85, 24.735, 197.752
Yxy	66.9683, 0.2647, 0.3289
Android (android.graphics.Color)	4288078819 (0xFF96E3E3)
YUV	203.9770, 11.3503, -47.3378
Hunter-Lab	81.8341, -25.6149, -2.6753

# Details

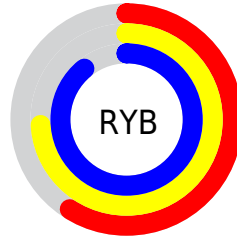
The Hex color **96E3E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E39696**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FABAC** is the 20% darker color. If you saturate the color by 10%, you get **7FE3E3**, and if you desaturate by 10%, it is **ADE3E3**.

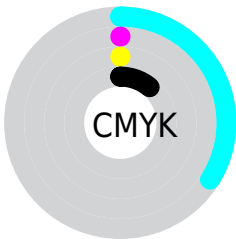
# Distribution



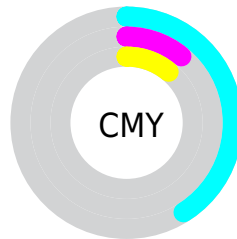
- Red (59%)
- Green (89%)
- Blue (89%)



- Red (59%)
- Yellow (74%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96E3E3 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 96E3E3 by changing the saturation by 10% instead.



 96E3E3

 96E3E3

FFFFFF

 7AC7C7

 CFFFFFFF

 5FABAC

 ECFFFF

 439191

 257778

 005E5F

 004647

 002F31

 001C1C

 000000

 96E3E3

 96E3E3

 7FE3E3

 ADE3E3

 69E3E3

 C3E3E3

 52E3E3

 DAE3E3

 3BE3E3

 F1E3E3

 25E3E3

 FFE3E3

 0EE3E3

 00E3E3

# Harmonies

## Analogous

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



A5E2CB



96E3E3



99E0F7

# Triad

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



96E3E3



EACBF5



F1D1A8

# Complementary

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



96E3E3



E39696

# 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.



FFCAB4



96E3E3



FFC6E0

# Square

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



96E3E3



CDD3FF



FFC5C8



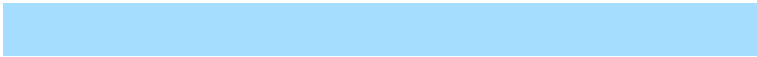
D9D9A9

# Rectangle

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



96E3E3



A5DDFF



FFC5C8



F7CEAB



# Sweetspot

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



96E3E3



E6FFFF



96E396



708080



000000



808080



# Same Dimension

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



96E3E3



96FFFF



96BCE3



677373



00B3B3



003333



# Inverse Universe

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



E396E3



FF96FF



E3BC96



736773



B300B3

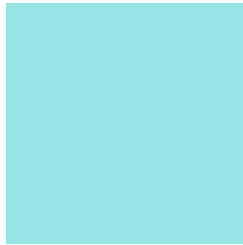


330033



# Previews

## White Background



This preview shows how the Hex color 96E3E3 looks on a white background.

## Color Contrast Check

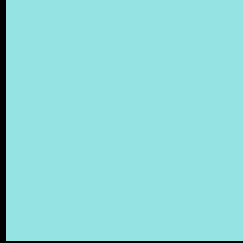
Large Text (above 18pt) WCAG AA × Fail

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 96E3E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

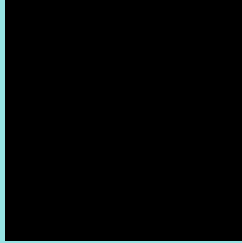
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96E3E3 Background



This preview shows how black text looks on a background with the Hex color 96E3E3.

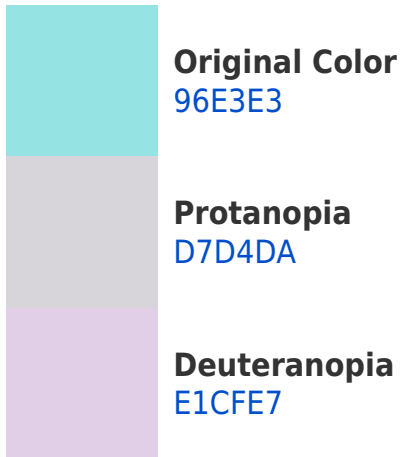


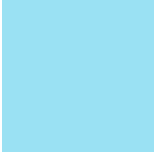
This preview shows how white text looks on a background with the Hex color 96E3E3.

# 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](#).

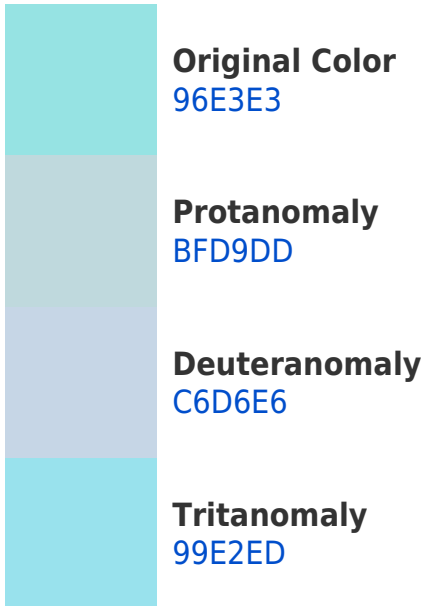
## Dichromacy



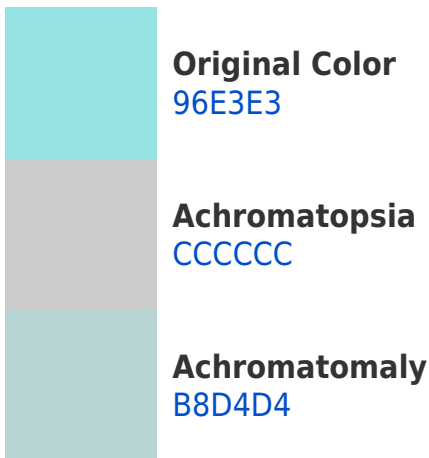


**Tritanopia**  
9AE1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96E3E3 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 #96E3E3 looks like.

```
.text, #text, p{  
    color:#96E3E3  
}
```

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 #96E3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E3E3
}
```

## Border

The CSS property to change the border of an element to Hex 96E3E3 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
#96E3E3 }
```

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

```
.border{ border-color:#96E3E3 }
```

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

Here you see how a box with a 4 pixel #96E3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E3E3; -webkit-box-shadow:4px 4px  
4px 4px #96E3E3; box-shadow:4px 4px 4px  
4px #96E3E3 }
```

# Background

The CSS property to change the background color of an element to Hex 96E3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E3E3 }
```

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

```
.background{ background-color:#96E3E3 }
```

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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