

# Converting Colors

Hex(96E3DB)

Have a look what the booklet for  
Hex(96E3DB) contains.

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# **Color**

**Hex(96E3DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96E3DB
RGB	150, 227, 219
RGB Percent	59%, 89%, 86%
CMY	0.4118, 0.1098, 0.1412
CMYK	0.34, 0.00, 0.04, 0.11
HSL	174°, 58%, 74%
HSV	174°, 34%, 89%
XYZ	52.8329, 66.5367, 77.0761
YIQ	203.0650, -43.3240, -18.8120

# Conversions

## Conversions Part 2

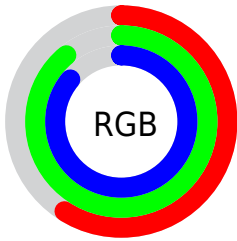
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 191, 227
Decimal	9888731
CIELab	85.27, -25.40, -3.64
CIELCh	85, 25.655, 188.162
Yxy	66.5367, 0.2689, 0.3387
Android (android.graphics.Color)	4288078811 (0xFF96E3DB)
YUV	203.0650, 7.8560, -46.5380
Hunter-Lab	81.5700, -27.1330, 1.0755

# Details

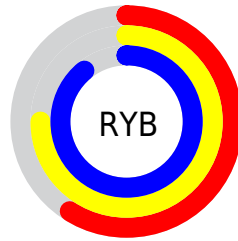
The Hex color **96E3DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3969E**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FABA4** is the 20% darker color. If you saturate the color by 10%, you get **7FE3D9**, and if you desaturate by 10%, it is **ADE3DD**.

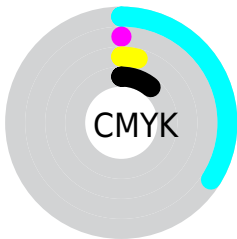
# Distribution



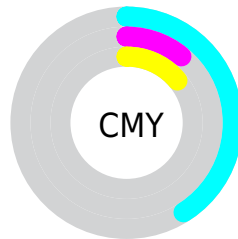
- Red (59%)
- Green (89%)
- Blue (86%)



- Red (59%)
- Yellow (75%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96E3DB 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 96E3DB by changing the saturation by 10% instead.



 96E3DB

 96E3DB

FFFFFF

 7AC7BF

 CFFFFFF

 5FABA4

 ECFFFF

 44918A

 277770

 005E58

 004641

 002F2B

 001C16

 000000

 96E3DB

 96E3DB

 7FE3D9

 ADE3DD

 69E3D6

 C3E3E0

 52E3D4

 DAE3E2

 3BE3D2

 F1E3E4

 25E3CF

 FFE3E7

 0EE3CD

 FFE3E9

 00E3CB

 FFE3EC

 FFE3EE

 FFE3F0

# Harmonies

## Analogous

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



AAE1C2



96E3DB



92E1F2

# Triad

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



96E3DB



E1CDFB



F7CDA9

# Complementary

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



96E3DB



E3969E

# 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.



FFC7B8



96E3DB



FAC6E8

# Square

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



96E3DB



C1D5FF



FFC4CF



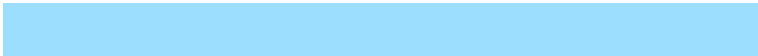
E1D6A5

# Rectangle

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



96E3DB



9BDEFD



FFC4CF



FDCBAD



# Sweetspot

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



96E3DB



E6FFFC



9FE396



70807E



000000



808080

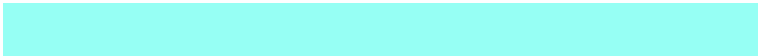


# Same Dimension

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



96E3DB



96FFF4



96C5E3



677372



00B3A0



00332E



# Inverse Universe

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



E3969E



FF96A1



E3B496



736768



B30013



330005



# Previews

## White Background



This preview shows how the Hex color 96E3DB looks on a white background.

## Color Contrast Check

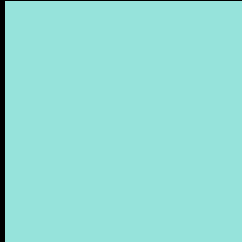
Large Text (above 18pt) WCAG AA × Fail

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 96E3DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

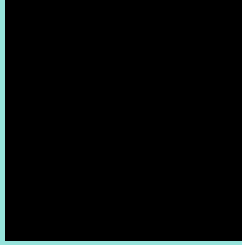
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

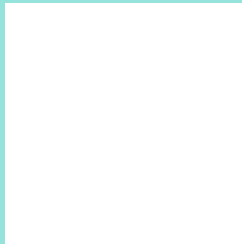
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96E3DB Background



This preview shows how black text looks on a background with the Hex color 96E3DB.

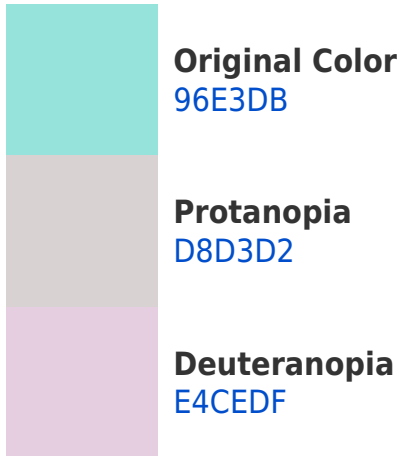


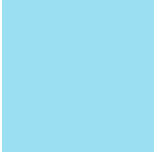
This preview shows how white text looks on a background with the Hex color 96E3DB.

# 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](#).

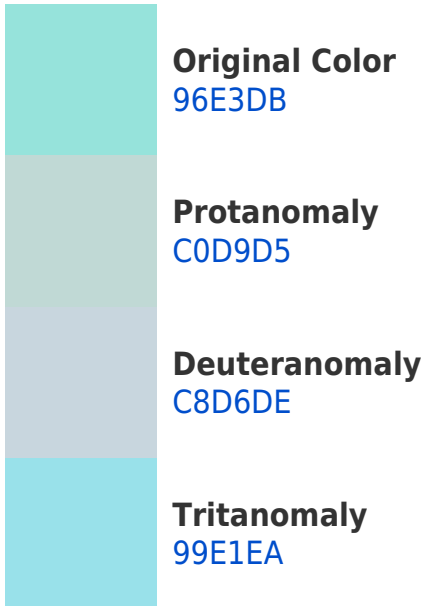
## Dichromacy



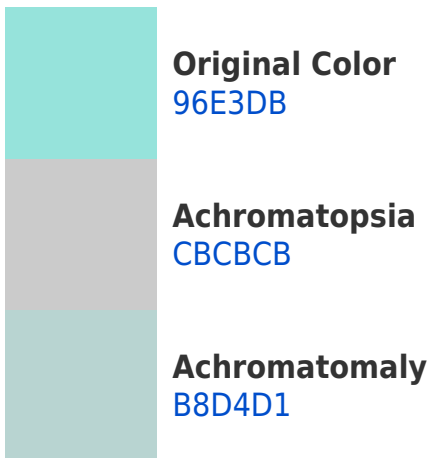


**Tritanopia**  
9BE0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96E3DB 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 #96E3DB looks like.

```
.text, #text, p{  
    color:#96E3DB  
}
```

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 #96E3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E3DB
}
```

## Border

The CSS property to change the border of an element to Hex 96E3DB 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
#96E3DB }
```

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

```
.border{ border-color:#96E3DB }
```

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

Here you see how a box with a 4 pixel #96E3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E3DB; -webkit-box-shadow:4px 4px  
4px 4px #96E3DB; box-shadow:4px 4px 4px  
4px #96E3DB }
```

# Background

The CSS property to change the background color of an element to Hex 96E3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E3DB }
```

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

```
.background{ background-color:#96E3DB }
```

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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