

Converting Colors

Hex(96E3E8)

Have a look what the booklet for
Hex(96E3E8) contains.

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Color

Hex(96E3E8)

Conversions

Conversions Part 1

Format	Color
Hex	96E3E8
RGB	150, 227, 232
RGB Percent	59%, 89%, 91%
CMY	0.4118, 0.1098, 0.0902
CMYK	0.35, 0.02, 0.00, 0.09
HSL	184°, 64%, 75%
HSV	184°, 35%, 91%
XYZ	54.6123, 67.2484, 86.4458
YIQ	204.5470, -47.4970, -14.7690

Conversions

Conversions Part 2

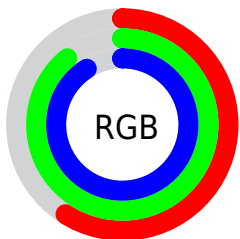
Format	Color
R_{YB}	150, 190, 232
Decimal	9888744
CIE _{Lab}	85.63, -22.38, -9.97
CIE _{LCh}	86, 24.502, 204.011
Yxy	67.2484, 0.2622, 0.3228
Android (android.graphics.Color)	4288078824 (0xFF96E3E8)
YUV	204.5470, 13.5343, -47.8377
Hunter-Lab	82.0051, -24.6348, -5.0970

Details

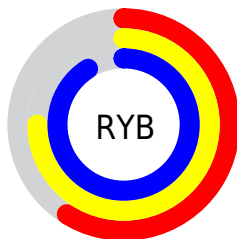
The Hex color **96E3E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E89B96**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FABB0** is the 20% darker color. If you saturate the color by 10%, you get **7FE2E8**, and if you desaturate by 10%, it is **ADE4E8**.

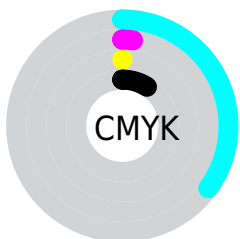
Distribution



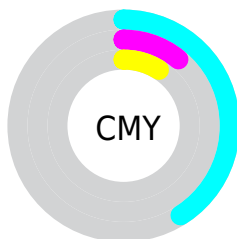
- Red (59%)
- Green (89%)
- Blue (91%)



- Red (59%)
- Yellow (75%)
- Blue (91%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E3E8 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 96E3E8 by changing the saturation by 10% instead.

 96E3E8

 96E3E8

FFFFFF

 7AC7CC

 CFFFFFF

 5FABB0

 ECFFFF

 439196

 24777C

 005E63

 00464B

 002F35

 001C1F

 000006

 96E3E8

 96E3E8

 7FE2E8

 ADE4E8

 68E0E8

 C4E6E8

 50DFE8

 DCE7E8

 39DDE8

 F3E9E8

 22DCE8

 FFEAE8

 0BDBE8

 FFEBE8

 00DAE8

 FFEDE8

 FFE EE8

 FFF0E8

Harmonies

Analogous

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



A2E3D0



96E3E8



9DE0FB

Triad

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



96E3E8



F0CAF2



ECD3A8

Complementary

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



96E3E8



E89B96

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.



FECBB1



96E3E8



FFC6DC

Square

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



96E3E8



D4D2FF



FFC6C4



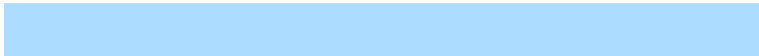
D4DAAB

Rectangle

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



96E3E8



ACDCFF



FFC6C4



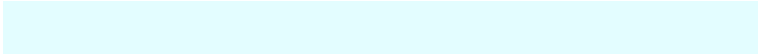
F3D0AA

Sweetspot

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



96E3E8



E3FDFF



96E89A



6F7E80



000000



808080

Same Dimension

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



96E3E8



94F8FF



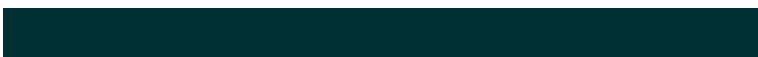
96BBE8



677273



00A8B3



003033

Inverse Universe

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



E896E3



FF94F8



E8C396



736772



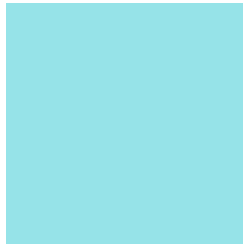
B300A8



330030

Previews

White Background



This preview shows how the Hex color 96E3E8 looks on a white background.

Color Contrast Check

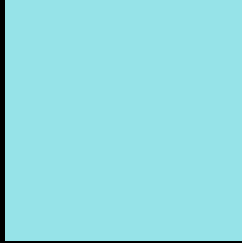
Large Text (above 18pt) WCAG AA × Fail

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 96E3E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

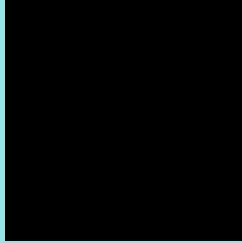
Any Text WCAG AA ✓ Pass

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 96E3E8 Background



This preview shows how black text looks on a background with the Hex color 96E3E8.

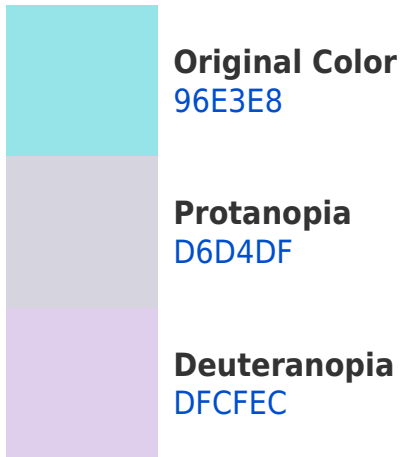


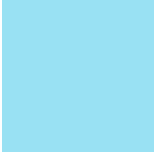
This preview shows how white text looks on a background with the Hex color 96E3E8.

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](#).

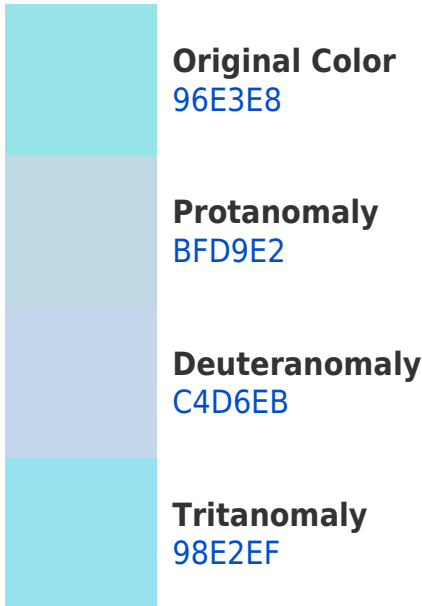
Dichromacy



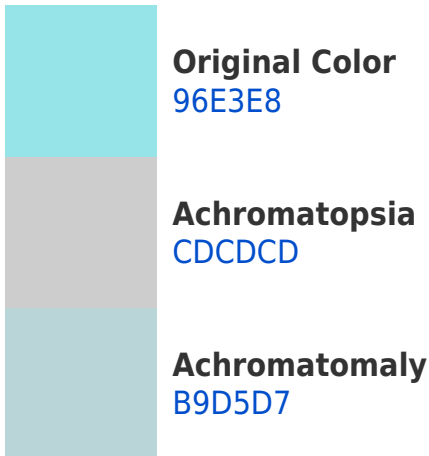


Tritanopia
99E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96E3E8 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 #96E3E8 looks like.

```
.text, #text, p{  
    color:#96E3E8  
}
```

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 #96E3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E3E8
}
```

Border

The CSS property to change the border of an element to Hex 96E3E8 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
#96E3E8 }
```

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

```
.border{ border-color:#96E3E8 }
```

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

Here you see how a box with a 4 pixel #96E3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E3E8; -webkit-box-shadow:4px 4px  
4px 4px #96E3E8; box-shadow:4px 4px 4px  
4px #96E3E8 }
```

Background

The CSS property to change the background color of an element to Hex 96E3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E3E8 }
```

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

```
.background{ background-color:#96E3E8 }
```

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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