

Converting Colors

Hex(96E8E0)

Have a look what the booklet for
Hex(96E8E0) contains.

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Color

Hex(96E8E0)

Conversions

Conversions Part 1

Format	Color
Hex	96E8E0
RGB	150, 232, 224
RGB Percent	59%, 91%, 88%
CMY	0.4118, 0.0902, 0.1216
CMYK	0.35, 0.00, 0.03, 0.09
HSL	174°, 64%, 75%
HSV	174°, 35%, 91%
XYZ	54.8888, 69.5791, 81.0582
YIQ	206.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

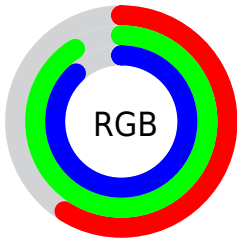
Format	Color
RYB	150, 193, 232
Decimal	9890016
CIELab	86.79, -26.68, -4.04
CIELCh	87, 26.989, 188.606
Yxy	69.5791, 0.2671, 0.3385
Android (android.graphics.Color)	4288080096 (0xFF96E8E0)
YUV	206.5700, 8.5930, -49.6119
Hunter-Lab	83.4141, -28.5165, 0.7744

Details

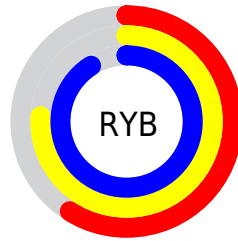
The Hex color **96E8E0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E8969E**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FB0A9** is the 20% darker color. If you saturate the color by 10%, you get **7FE8DE**, and if you desaturate by 10%, it is **ADE8E2**.

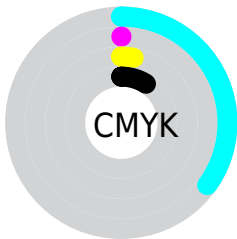
Distribution



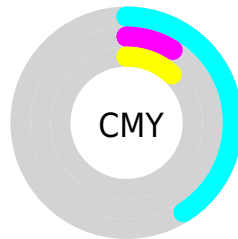
- Red (59%)
- Green (91%)
- Blue (88%)



- Red (59%)
- Yellow (76%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E8E0 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 96E8E0 by changing the saturation by 10% instead.

 96E8E0

 96E8E0

FFFFFF

 7ACCC4

 CFFFFFF

 5FB0A9

 ECFFFF

 43958E

 247B75

 00625C

 004A45

 00332F

 001F1A

 000000

 96E8E0

 96E8E0

 7FE8DE

 ADE8E2

 68E8DB

 C4E8E5

 50E8D9

 DCE8E7

 39E8D7

 F3E8E9

 22E8D5

 FFE8EB

 0BE8D2

 FFE8EE

 00E8D1

 FFE8F0

 FFE8F2

 FFE8F4

Harmonies

Analogous

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



ACE6C6



96E8E0



92E6F8

Triad

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



96E8E0



E7D0FF



FDD1AA

Complementary

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



96E8E0



E8969E

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.



FFCABA



96E8E0



FFC9ED

Square

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



96E8E0



C5D9FF



FFC7D3



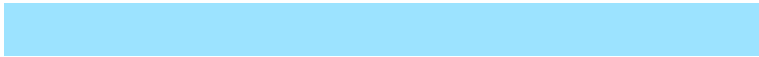
E5DAA7

Rectangle

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



96E8E0



9CE3FF



FFC7D3



FFCFAE

Sweetspot

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



96E8E0



E3FFFC



9EE896



6F807E



000000



808080

Same Dimension

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



96E8E0



94FFF5



96C7E8



677372



00B3A1



00332E

Inverse Universe

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



E8969E



FF949E



E8B796



736768



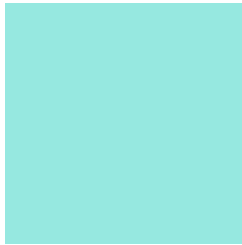
B30011



330005

Previews

White Background



This preview shows how the Hex color 96E8E0 looks on a white background.

Color Contrast Check

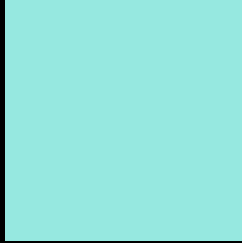
Large Text (above 18pt) WCAG AA × Fail

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 96E8E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

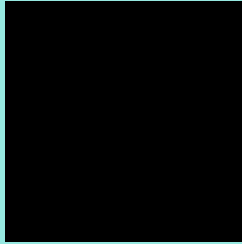
Any Text WCAG AA ✓ Pass

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 96E8E0 Background



This preview shows how black text looks on a background with the Hex color 96E8E0.

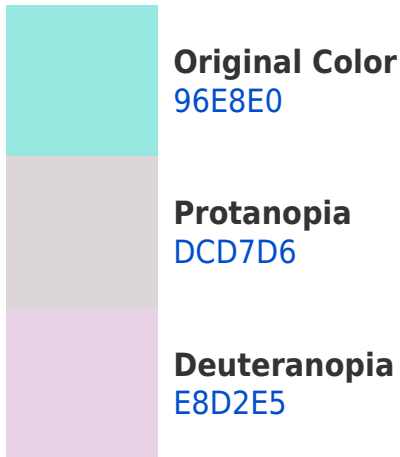


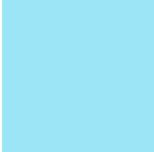
This preview shows how white text looks on a background with the Hex color 96E8E0.

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



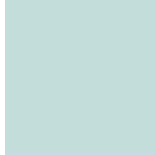


Tritanopia
9CE5F7

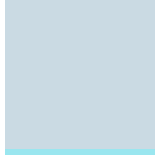
Trichromacy



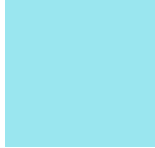
Original Color
96E8E0



Protanomaly
C3DDDA



Deuteranomaly
CADA E3

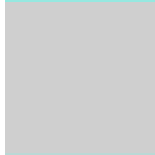


Tritanomaly
9AE6EF

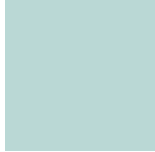
Monochromacy



Original Color
96E8E0



Achromatopsia
CFCFCF



Achromatomaly
BAD8D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 96E8E0 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 #96E8E0 looks like.

```
.text, #text, p{  
    color:#96E8E0  
}
```

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 #96E8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E8E0
}
```

Border

The CSS property to change the border of an element to Hex 96E8E0 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
#96E8E0 }
```

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

```
.border{ border-color:#96E8E0 }
```

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

Here you see how a box with a 4 pixel #96E8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E8E0; -webkit-box-shadow:4px 4px  
4px 4px #96E8E0; box-shadow:4px 4px 4px  
4px #96E8E0 }
```

Background

The CSS property to change the background color of an element to Hex 96E8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E8E0 }
```

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

```
.background{ background-color:#96E8E0 }
```

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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