

Converting Colors

Hex(96E6E2)

Have a look what the booklet for
Hex(96E6E2) contains.

Hex(96E6E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96E6E2)

Conversions

Conversions Part 1

Format	Color
Hex	96E6E2
RGB	150, 230, 226
RGB Percent	59%, 90%, 89%
CMY	0.4118, 0.0980, 0.1137
CMYK	0.35, 0.00, 0.02, 0.10
HSL	177°, 62%, 75%
HSV	177°, 35%, 90%
XYZ	54.6020, 68.5686, 82.3088
YIQ	205.6240, -46.3960, -18.2040

Conversions

Conversions Part 2

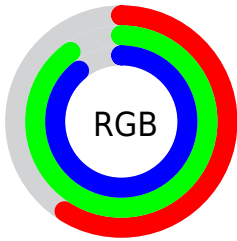
Format	Color
RYB	150, 191, 230
Decimal	9889506
CIELab	86.29, -25.26, -5.83
CIELCh	86, 25.920, 192.994
Yxy	68.5686, 0.2657, 0.3337
Android (android.graphics.Color)	4288079586 (0xFF96E6E2)
YUV	205.6240, 10.0454, -48.7822
Hunter-Lab	82.8062, -27.2089, -0.9695

Details

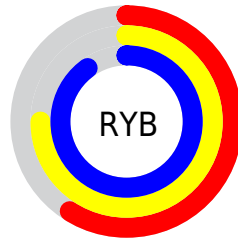
The Hex color **96E6E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E6969A**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FAEAB** is the 20% darker color. If you saturate the color by 10%, you get **7FE6E1**, and if you desaturate by 10%, it is **ADE6E3**.

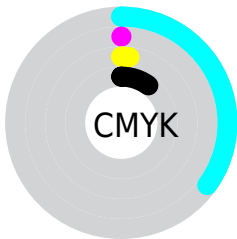
Distribution



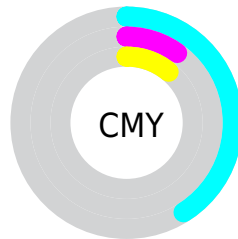
- Red (59%)
- Green (90%)
- Blue (89%)



- Red (59%)
- Yellow (75%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (41%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E6E2 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 96E6E2 by changing the saturation by 10% instead.

 96E6E2

 96E6E2

FFFFFF

 7ACAC6

 CFFFFFF

 5FAEAB

 ECFFFF

 439390

 257977

 00605E

 004846

 003130

 001E1B

 000000

 96E6E2

 96E6E2

 7FE6E1

 ADE6E3

 68E6E0

 C4E6E4

 51E6DF

 DBE6E5

 3AE6DD

 F2E6E7

 23E6DC

 FFE6E8

 0CE6DB

 FFE6E9

 00E6DA

 FFE6EA

 FFE6EB

 FFE6EC

Harmonies

Analogous

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



A9E5C9



96E6E2



95E4F8

Triad

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



96E6E2



E9CEFC



F7D2A9

Complementary

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



96E6E2



E6969A

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.



FFCAB7



96E6E2



FFC8E7

Square

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



96E6E2



C9D6FF



FFC7CE



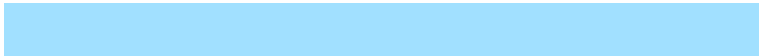
DFDAA8

Rectangle

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



96E6E2



A1E0FF



FFC7CE



FECFAD

Sweetspot

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



96E6E2



E6FFFE



9AE696



70807F



000000



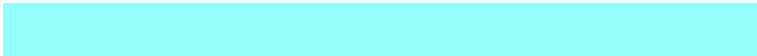
808080

Same Dimension

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



96E6E2



94FFFA



96C3E6



677372



00B3AA



003330

Inverse Universe

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



E6969A



FF9499



E6BA96



736768



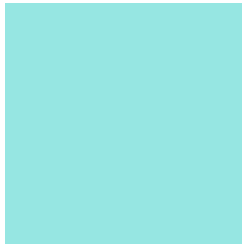
B30009



330003

Previews

White Background



This preview shows how the Hex color 96E6E2 looks on a white background.

Color Contrast Check

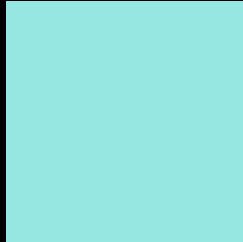
Large Text (above 18pt) WCAG AA × Fail

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 96E6E2 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 96E6E2 Background



This preview shows how black text looks on a background with the Hex color 96E6E2.

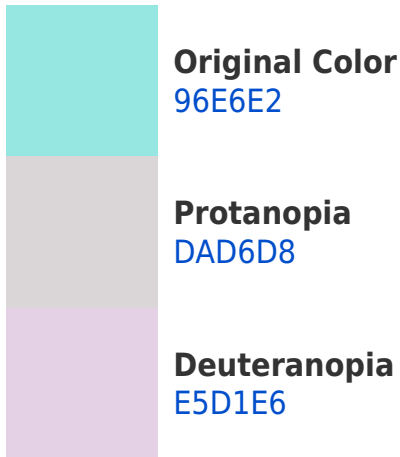


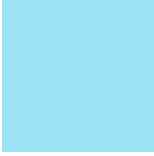
This preview shows how white text looks on a background with the Hex color 96E6E2.

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
9BE3F5

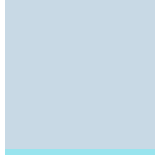
Trichromacy



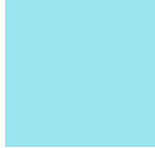
Original Color
96E6E2



Protanomaly
C1DCDC



Deuteranomaly
C8D9E5

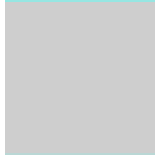


Tritanomaly
99E4EE

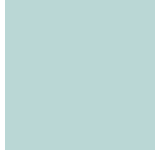
Monochromacy



Original Color
96E6E2



Achromatopsia
CECECE



Achromatomaly
BAD7D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 96E6E2 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 #96E6E2 looks like.

```
.text, #text, p{  
  color:#96E6E2  
}
```

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 #96E6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E6E2
}
```

Border

The CSS property to change the border of an element to Hex 96E6E2 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
#96E6E2 }
```

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

```
.border{ border-color:#96E6E2 }
```

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

Here you see how a box with a 4 pixel #96E6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E6E2; -webkit-box-shadow:4px 4px  
4px 4px #96E6E2; box-shadow:4px 4px 4px  
4px #96E6E2 }
```

Background

The CSS property to change the background color of an element to Hex 96E6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E6E2 }
```

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

```
.background{ background-color:#96E6E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor