

Converting Colors

Hex(96E7B0)

Have a look what the booklet for
Hex(96E7B0) contains.

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Color

Hex(96E7B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96E7B0 |
| RGB | 150, 231, 176 |
| RGB Percent | 59%, 91%, 69% |
| CMY | 0.4118, 0.0941, 0.3098 |
| CMYK | 0.35, 0.00, 0.24, 0.09 |
| HSL | 139°, 63%, 75% |
| HSV | 139°, 35%, 91% |
| XYZ | 48.9901, 66.7704, 51.3802 |
| YIQ | 200.5110, -30.6210, -34.2770 |

Conversions

Conversions Part 2

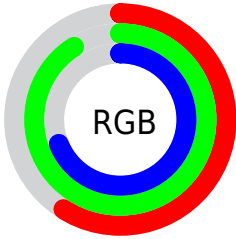
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 150, 211, 231 |
| Decimal | 9889712 |
| CIELab | 85.39, -36.13, 19.10 |
| CIELCh | 85, 40.864, 152.135 |
| Yxy | 66.7704, 0.2931, 0.3995 |
| Android (android.graphics.Color) | 4288079792 (0xFF96E7B0) |
| YUV | 200.5110, -12.0839, -44.2981 |
| Hunter-Lab | 81.7132, -35.9808, 19.9184 |

Details

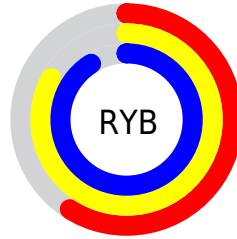
The Hex color **96E7B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E796CD**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CEFFE8**, and **60AF7B** is the 20% darker color. If you saturate the color by 10%, you get **7FE7A0**, and if you desaturate by 10%, it is **ADE7C0**.

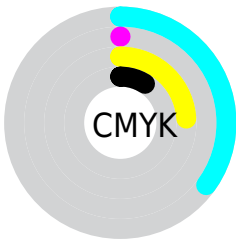
Distribution



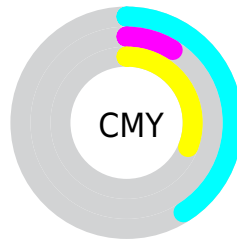
- Red (59%)
- Green (91%)
- Blue (69%)



- Red (59%)
- Yellow (83%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E7B0 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 96E7B0 by changing the saturation by 10% instead.

 96E7B0

 96E7B0

FFFFFF

 7BCB95

 CEFFE8

 60AF7B

 EBFFFF

 459462

 297A4A

 026033

 00481D

 003106

 001B00

 000000

 96E7B0

 96E7B0

 7FE7A0

 ADE7C0

 68E791

 C4E7CF

 51E781

 DBE7DF

 3AE771

 F2E7EF

 23E762

 FFE7FE

 0BE752

 FFE7FF

 00E74A

Harmonies

Analogous

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



C4DF93



96E7B0



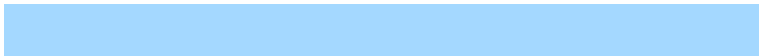
66EAD7

Triad

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



96E7B0



A4D8FF



FFBCAE

Complementary

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



96E7B0



E796CD

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.



FFB8D4



96E7B0



DECAFF

Square

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



96E7B0



67E3FF



FFBEFA



FFC792

Rectangle

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



96E7B0



4DEAF1



FFBEFA



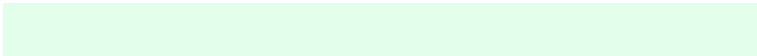
FFB9BA

Sweetspot

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



96E7B0



E3FFEC



CDE796



6F8074



000000



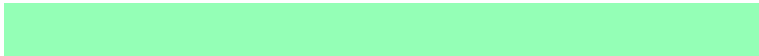
808080

Same Dimension

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



96E7B0



94FFB6



96E7D8



67736B



00B339



003310

Inverse Universe

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



E796CD



FF94DD



E796A5



73676F



B30079



330023

Previews

White Background



This preview shows how the Hex color 96E7B0 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 96E7B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

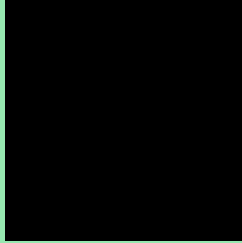
Any Text WCAG AA ✓ Pass

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 96E7B0 Background



This preview shows how black text looks on a background with the Hex color 96E7B0.

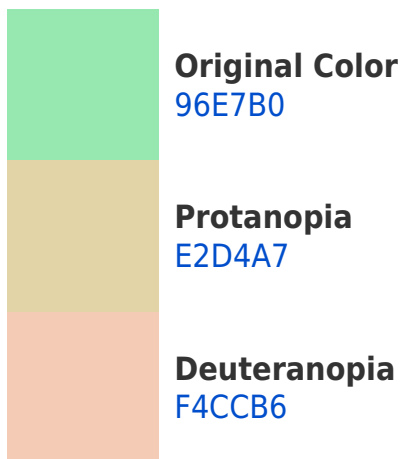


This preview shows how white text looks on a background with the Hex color 96E7B0.

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



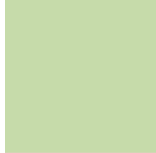


Tritanopia
A3DEF0

Trichromacy



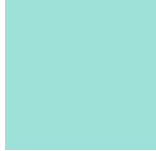
Original Color
96E7B0



Protanomaly
C6DBAA



Deuteranomaly
D2D6B4

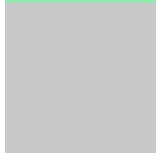


Tritanomaly
9EE1D9

Monochromacy



Original Color
96E7B0



Achromatopsia
C9C9C9



Achromatomaly
B6D4C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 96E7B0 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 #96E7B0 looks like.

```
.text, #text, p{  
    color:#96E7B0  
}
```

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 #96E7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E7B0
}
```

Border

The CSS property to change the border of an element to Hex 96E7B0 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
#96E7B0 }
```

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

```
.border{ border-color:#96E7B0 }
```

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

Here you see how a box with a 4 pixel #96E7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E7B0; -webkit-box-shadow:4px 4px  
4px 4px #96E7B0; box-shadow:4px 4px 4px  
4px #96E7B0 }
```

Background

The CSS property to change the background color of an element to Hex 96E7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E7B0 }
```

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

```
.background{ background-color:#96E7B0 }
```

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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