

Converting Colors

Hex(96E1CC)

Have a look what the booklet for
Hex(96E1CC) contains.

Hex(96E1CC)	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(96E1CC)

Conversions

Conversions Part 1

Format	Color
Hex	96E1CC
RGB	150, 225, 204
RGB Percent	59%, 88%, 80%
CMY	0.4118, 0.1176, 0.2000
CMYK	0.33, 0.00, 0.09, 0.12
HSL	163°, 56%, 74%
HSV	163°, 33%, 88%
XYZ	50.4020, 64.6941, 66.9575
YIQ	200.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

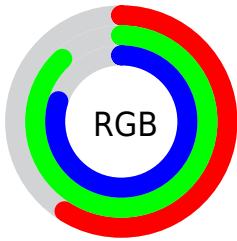
Format	Color
RYB	150, 194, 225
Decimal	9888204
CIELab	84.33, -27.73, 2.90
CIELCh	84, 27.884, 174.031
Yxy	64.6941, 0.2769, 0.3554
Android (android.graphics.Color)	4288078284 (0xFF96E1CC)
YUV	200.1810, 1.8828, -44.0087
Hunter-Lab	80.4326, -28.9026, 6.9459

Details

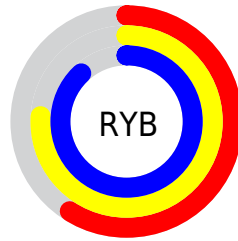
The Hex color **96E1CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E196AB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CEFFFF**, and **60A996** is the 20% darker color. If you saturate the color by 10%, you get **7FE1C6**, and if you desaturate by 10%, it is **ADE1D2**.

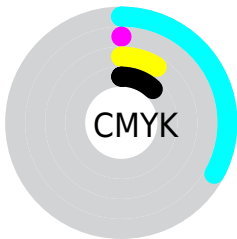
Distribution



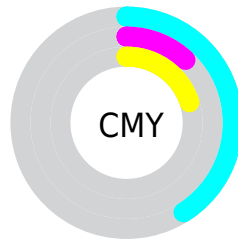
- Red (59%)
- Green (88%)
- Blue (80%)



- Red (59%)
- Yellow (76%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (41%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E1CC 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 96E1CC by changing the saturation by 10% instead.

 96E1CC

FFFFFF

 CEFFFF

 EBFFFF

 96E1CC

 7BC5B1

 60A996

 458F7C

 297563

 045C4B

 004435

 002D20

 001808

 000000

 96E1CC

 96E1CC

 7FE1C6

 ADE1D2

 69E1BF

 C3E1D9

 53E1B9

 DAE1DF

 3CE1B3

 F0E1E5

 26E1AD

 FFE1EB

 0FE1A6

 FFE1F2

 00E1A2

 FFE1F8

 FFE1FE

 FFE1FF

Harmonies

Analogous

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



B1DEB3



96E1CC



87E1E7

Triad

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



96E1CC



D0CDFF



FFC6A9

Complementary

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



96E1CC



E196AB

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.



FFC0BE



96E1CC



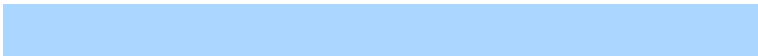
EFC5F2

Square

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



96E1CC



ABD6FF



FFC0D9



EBCF9E

Rectangle

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



96E1CC



89DFF6



FFC0D9



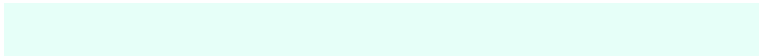
FFC4AF

Sweetspot

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



96E1CC



E6FFF8



ABE196



70807B



000000



808080

Same Dimension

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



96E1CC



99FFE2



96D1E1



65706D



00B07F



003023

Inverse Universe

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



E196AB



FF99B6



E1A696



706568



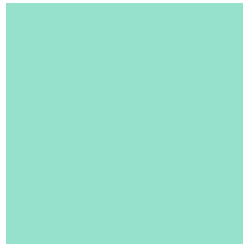
B00031



30000E

Previews

White Background



This preview shows how the Hex color 96E1CC looks on a white background.

Color Contrast Check

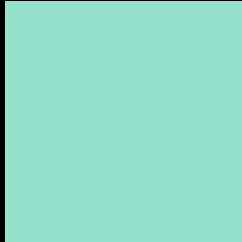
Large Text (above 18pt) WCAG AA × Fail

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 96E1CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

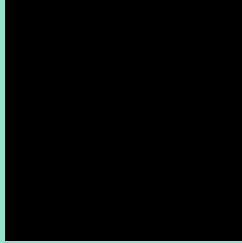
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

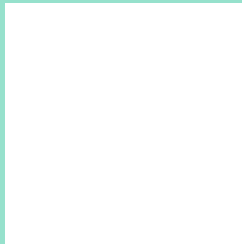
Any Text WCAG AAA ✓ Pass

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

Hex 96E1CC Background



This preview shows how black text looks on a background with the Hex color 96E1CC.

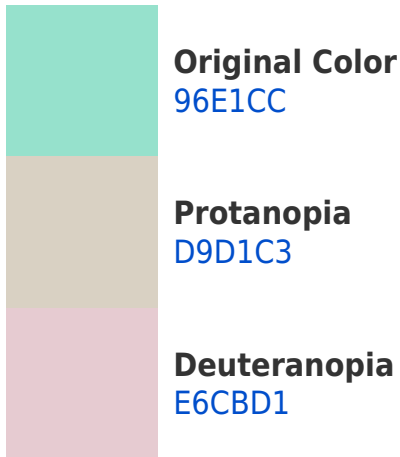


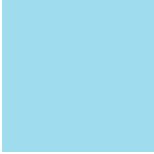
This preview shows how white text looks on a background with the Hex color 96E1CC.

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
9EDCEE

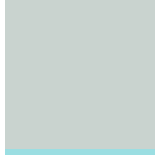
Trichromacy



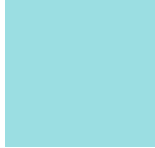
Original Color
96E1CC



Protanomaly
C1D7C6



Deuteranomaly
C9D3CF

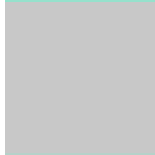


Tritanomaly
9BDEE2

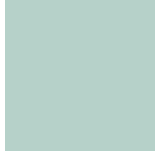
Monochromacy



Original Color
96E1CC



Achromatopsia
C8C8C8



Achromatomaly
B6D1C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 96E1CC 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 #96E1CC looks like.

```
.text, #text, p{  
    color:#96E1CC  
}
```

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 #96E1CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E1CC  
}
```

Border

The CSS property to change the border of an element to Hex 96E1CC 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  
#96E1CC }
```

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

```
.border{ border-color:#96E1CC }
```

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

Here you see how a box with a 4 pixel #96E1CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E1CC; -webkit-box-shadow:4px 4px  
4px 4px #96E1CC; box-shadow:4px 4px 4px  
4px #96E1CC }
```

Background

The CSS property to change the background color of an element to Hex 96E1CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E1CC }
```

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

```
.background{ background-color:#96E1CC }
```

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