

Converting Colors

Hex(96C4E3)

Have a look what the booklet for
Hex(96C4E3) contains.

Hex(96C4E3)	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(96C4E3)

Conversions

Conversions Part 1

Format	Color
Hex	96C4E3
RGB	150, 196, 227
RGB Percent	59%, 77%, 89%
CMY	0.4118, 0.2314, 0.1098
CMYK	0.34, 0.14, 0.00, 0.11
HSL	204°, 58%, 74%
HSV	204°, 34%, 89%
XYZ	46.1827, 51.5099, 80.1814
YIQ	185.7800, -37.3670, -0.1110

Conversions

Conversions Part 2

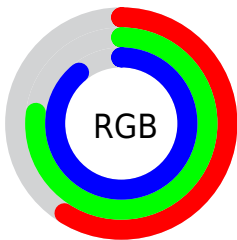
Format	Color
R_{YB}	150, 179, 227
Decimal	9880803
CIE _{Lab}	76.99, -7.72, -20.28
CIE _{LCh}	77, 21.705, 249.157
Yxy	51.5099, 0.2596, 0.2896
Android (android.graphics.Color)	4288070883 (0xFF96C4E3)
YUV	185.7800, 20.3215, -31.3791
Hunter-Lab	71.7704, -10.7373, -15.9990

Details

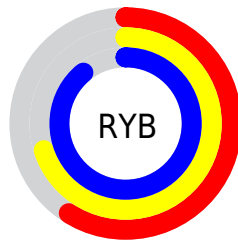
The Hex color **96C4E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3B596**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CEFDFF**, and **608EAC** is the 20% darker color. If you saturate the color by 10%, you get **7FBBE3**, and if you desaturate by 10%, it is **ADCDE3**.

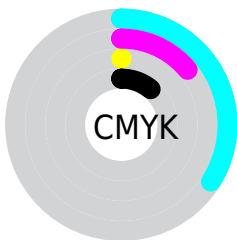
Distribution



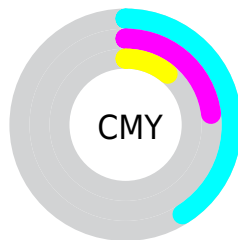
- Red (59%)
- Green (77%)
- Blue (89%)



- Red (59%)
- Yellow (70%)
- Blue (89%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C4E3 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 96C4E3 by changing the saturation by 10% instead.

■ 96C4E3

■ 96C4E3

FFFFFF

■ 7BA9C7

■ CEFDFE

■ 608EAC

■ EBFFFF

■ 467591

■ 2B5C77

■ 09455E

■ 002E47

■ 001A30

■ 00011B

■ 000000

■ 96C4E3

■ 96C4E3

■ 7FBBE3

■ ADCDE3

■ 69B2E3

■ C3D6E3

■ 52A9E3

■ DADFE3

■ 3B9FE3

■ F1E9E3

■ 2596E3

■ FFF2E3

■ 0E8DE3

■ FFFBE3

■ 0088E3

■ FFFF E3

Harmonies

Analogous

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



88C8D7



96C4E3



AFBEE5

Triad

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



96C4E3



E7B0B8



B1C59F

Complementary

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



96C4E3



E3B596

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.



C7BF96



96C4E3



E6B2A6

Square

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



96C4E3



DDB2CD



DAB899



9AC8AF

Rectangle

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



96C4E3



C1B9E1



DAB899



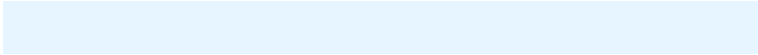
B8C39B

Sweetspot

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



96C4E3



E6F5FF



96E3B5



707980



000000



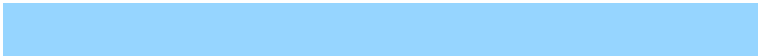
808080

Same Dimension

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



96C4E3



96D5FF



969EE3



676E73



006BB3



001E33

Inverse Universe

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



E396C4



FF96D5



E3DB96



73676E



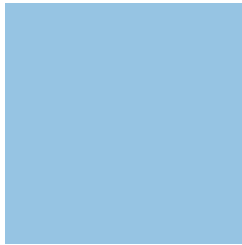
B3006B



33001E

Previews

White Background



This preview shows how the Hex color 96C4E3 looks on a white background.

Color Contrast Check

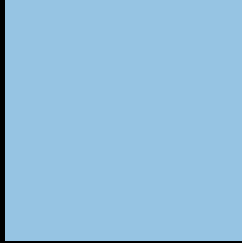
Large Text (above 18pt) WCAG AA × Fail

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 96C4E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

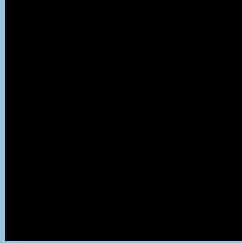
Any Text WCAG AA ✓ Pass

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 96C4E3 Background



This preview shows how black text looks on a background with the Hex color 96C4E3.

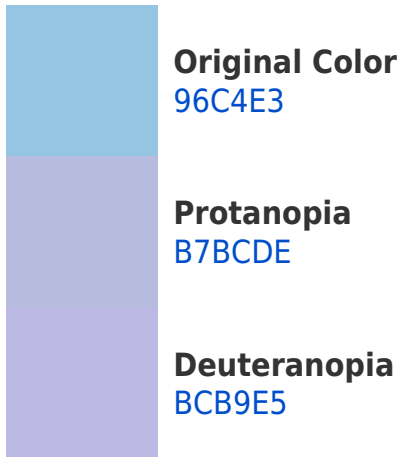


This preview shows how white text looks on a background with the Hex color 96C4E3.

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](#).

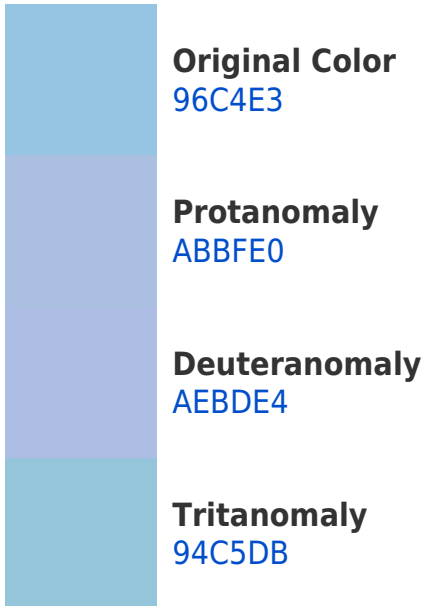
Dichromacy



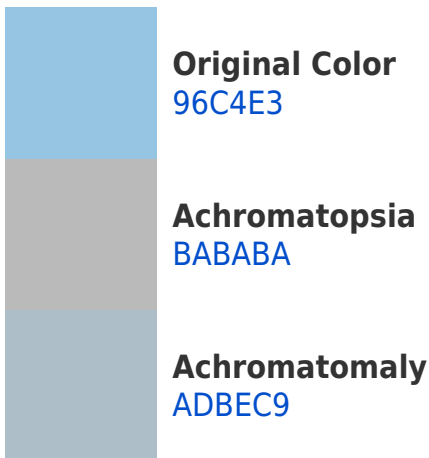


Tritanopia
93C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C4E3 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 #96C4E3 looks like.

```
.text, #text, p{  
    color:#96C4E3  
}
```

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 #96C4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C4E3
}
```

Border

The CSS property to change the border of an element to Hex 96C4E3 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
#96C4E3 }
```

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

```
.border{ border-color:#96C4E3 }
```

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

Here you see how a box with a 4 pixel #96C4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C4E3; -webkit-box-shadow:4px 4px  
4px 4px #96C4E3; box-shadow:4px 4px 4px  
4px #96C4E3 }
```

Background

The CSS property to change the background color of an element to Hex 96C4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C4E3 }
```

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

```
.background{ background-color:#96C4E3 }
```

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