

Converting Colors

Hex(96CFE7)

Have a look what the booklet for
Hex(96CFE7) contains.

Hex(96CFE7)	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(96CFE7)

Conversions

Conversions Part 1

Format	Color
Hex	96CFE7
RGB	150, 207, 231
RGB Percent	59%, 81%, 91%
CMY	0.4118, 0.1882, 0.0941
CMYK	0.35, 0.10, 0.00, 0.09
HSL	198°, 63%, 75%
HSV	198°, 35%, 91%
XYZ	49.3143, 56.8792, 83.9809
YIQ	192.6930, -41.6760, -4.6200

Conversions

Conversions Part 2

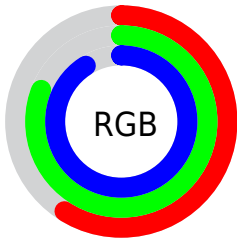
Format	Color
R_{YB}	150, 183, 231
Decimal	9883623
CIE _{Lab}	80.11, -12.50, -17.71
CIE _{LCh}	80, 21.674, 234.778
Yxy	56.8792, 0.2593, 0.2991
Android (android.graphics.Color)	4288073703 (0xFF96CFE7)
YUV	192.6930, 18.8854, -37.4418
Hunter-Lab	75.4183, -15.2649, -13.2287

Details

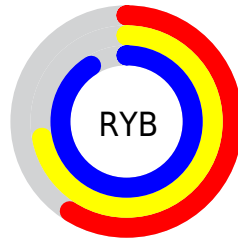
The Hex color **96CFE7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7AE96**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CEFFFF**, and **6099AF** is the 20% darker color. If you saturate the color by 10%, you get **7FC8E7**, and if you desaturate by 10%, it is **ADD6E7**.

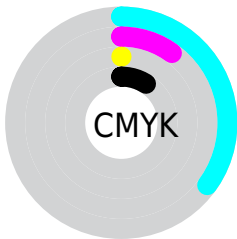
Distribution



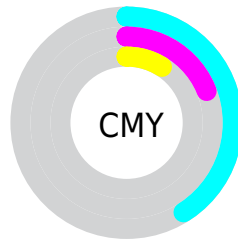
- Red (59%)
- Green (81%)
- Blue (91%)



- Red (59%)
- Yellow (72%)
- Blue (91%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CFE7 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 96CFE7 by changing the saturation by 10% instead.

■ 96CFE7

FFFFFF

■ CEFFFF

■ EBFFFF

■ 96CFE7

■ 7BB3CB

■ 6099AF

■ 457F95

■ 28667B

■ 014E62

■ 00374A

■ 002133

■ 00031F

■ 000002

 96CFE7

 96CFE7

 7FC8E7

 ADD6E7

 68C1E7

 C4DDE7

 51BAE7

 DBE4E7

 3AB4E7

 F2EAE7

 23ADE7

 FFF1E7

 0BA6E7

 FFF8E7

 00A3E7

 FFFFE7

Harmonies

Analogous

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



90D2D7



96CFE7



ABCAEE

Triad

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



96CFE7



EDB9CB



C4CBA2

Complementary

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



96CFE7



E7AE96

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.



DAC49F



96CFE7



F1B9B7

Square

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



96CFE7



DEBCDE



EABEA6



ADD0AF

Rectangle

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



96CFE7



BDC5EE



EABEA6



CCC9A0

Sweetspot

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



96CFE7



E3F7FF



96E7AD



6F7B80



000000



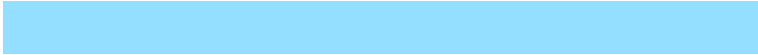
808080

Same Dimension

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



96CFE7



94DFFF



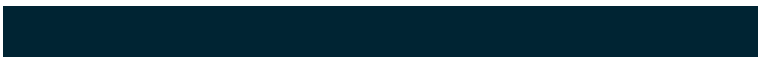
96A8E7



676F73



007EB3



002433

Inverse Universe

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



E796CF



FF94DF



E7D596



73676F



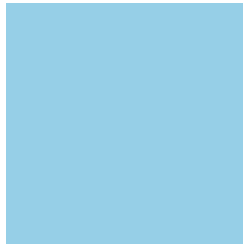
B3007E



330024

Previews

White Background



This preview shows how the Hex color 96CFE7 looks on a white background.

Color Contrast Check

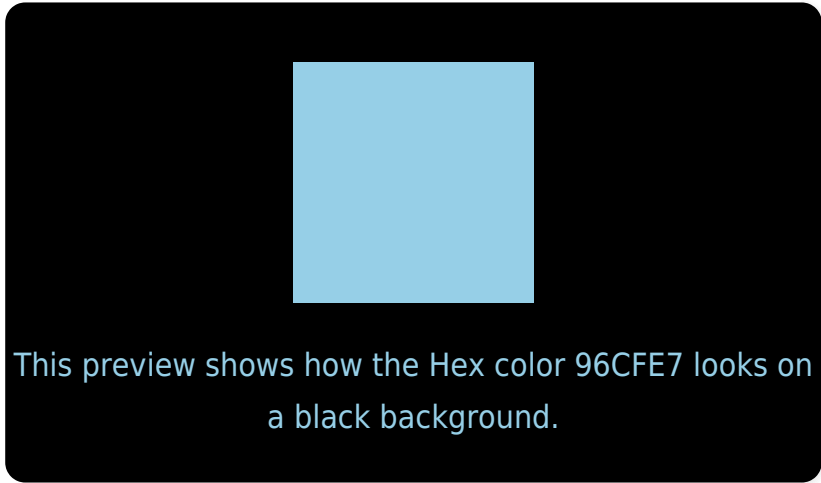
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

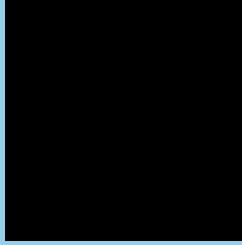
Any Text WCAG AA ✓ Pass

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 96CFE7 Background



This preview shows how black text looks on a background with the Hex color 96CFE7.

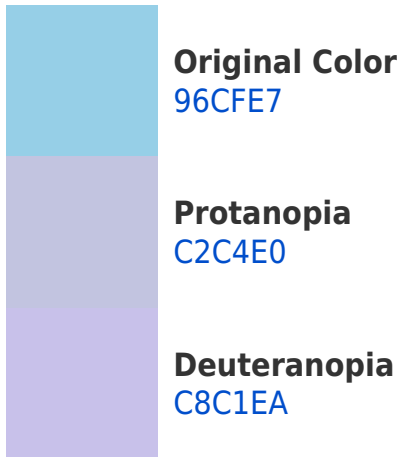


This preview shows how white text looks on a background with the Hex color 96CFE7.

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](#).

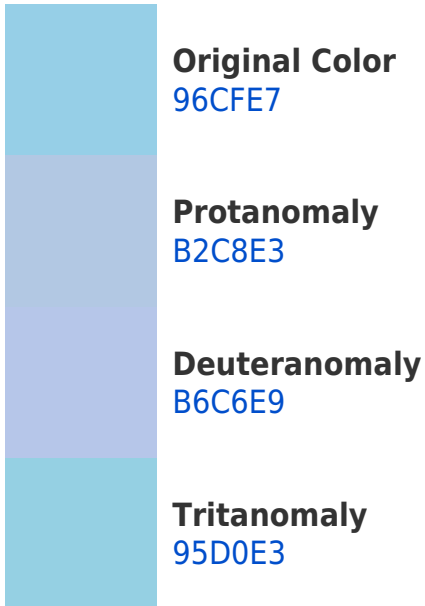
Dichromacy



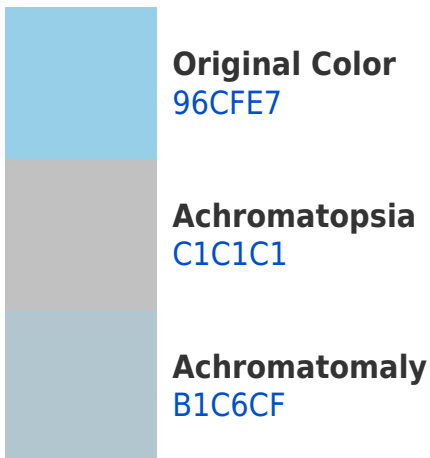


Tritanopia
94D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96CFE7 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 #96CFE7 looks like.

```
.text, #text, p{  
    color:#96CFE7  
}
```

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 #96CFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CFE7
}
```

Border

The CSS property to change the border of an element to Hex 96CFE7 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
#96CFE7 }
```

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

```
.border{ border-color:#96CFE7 }
```

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

Here you see how a box with a 4 pixel #96CFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CFE7; -webkit-box-shadow:4px 4px  
4px 4px #96CFE7; box-shadow:4px 4px 4px  
4px #96CFE7 }
```

Background

The CSS property to change the background color of an element to Hex 96CFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CFE7 }
```

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

```
.background{ background-color:#96CFE7 }
```

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