

Converting Colors

Hex(96CDB7)

Have a look what the booklet for
Hex(96CDB7) contains.

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Color

Hex(96CDB7)

Conversions

Conversions Part 1

Format	Color
Hex	96CDB7
RGB	150, 205, 183
RGB Percent	59%, 80%, 72%
CMY	0.4118, 0.1961, 0.2824
CMYK	0.27, 0.00, 0.11, 0.20
HSL	156°, 35%, 70%
HSV	156°, 27%, 80%
XYZ	42.9562, 53.5656, 52.8749
YIQ	186.0470, -25.7180, -18.5020

Conversions

Conversions Part 2

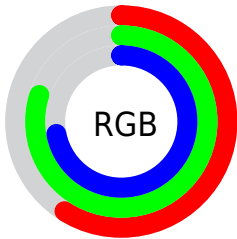
Format	Color
RYB	150, 184, 205
Decimal	9883063
CIELab	78.21, -22.36, 5.22
CIELCh	78, 22.963, 166.849
Yxy	53.5656, 0.2875, 0.3585
Android (android.graphics.Color)	4288073143 (0xFF96CDB7)
YUV	186.0470, -1.5022, -31.6132
Hunter-Lab	73.1885, -23.3136, 8.3980

Details

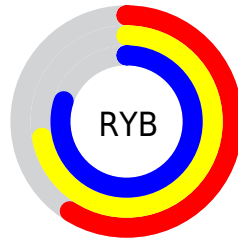
The Hex color **96CDB7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CD96AC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CDFFEF**, and **629782** is the 20% darker color. If you saturate the color by 10%, you get **82CDAF**, and if you desaturate by 10%, it is **ABCDBF**.

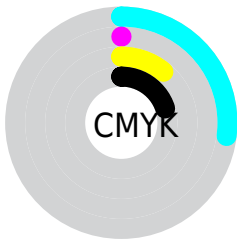
Distribution



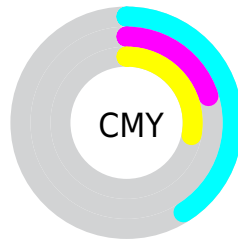
- Red (59%)
- Green (80%)
- Blue (72%)



- Red (59%)
- Yellow (72%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CDB7 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 96CDB7 by changing the saturation by 10% instead.

 96CDB7

 96CDB7

FFFFFF

 7BB19C

 CDFFEF

 629782

 EAFFFF

 487D69

 2F6351

 164B3A

 003424

 00200F

 000000

 96CDB7

 96CDB7

 82CDAF

 ABCDBF

 6DCDA7

 BFCDC7

 59CD9E

 D4CDD0

 44CD96

 E8CDD8

 30CD8E

 FDCDE0

 1BCD86

 FFCDE8

 07CD7E

 FFCDF0

 00CD7B

 FFCDF9

 FFCDFE

Harmonies

Analogous

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



ADCAA4



96CDB7



88CECD

Triad

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



96CDB7



B9BFEA



E9B6A3

Complementary

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



96CDB7



CD96AC

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.



EEB3B6



96CDB7



D4B8DF

Square

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



96CDB7



9DC6EA



E6B3CC



DABD98

Rectangle

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



96CDB7



87CCDA



E6B3CC



ECB5A9

Sweetspot

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



96CDB7



EBFFF7



ACCD96



73807A



000000



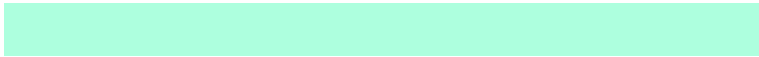
808080

Same Dimension

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



96CDB7



ADFFDE



96C8CD



5C6662



00A663



002617

Inverse Universe

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



CD96AC



FFADCE



CD9C96



665C60



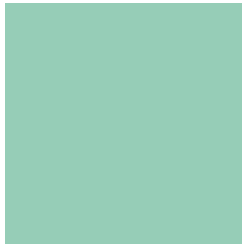
A60042



26000F

Previews

White Background



This preview shows how the Hex color 96CDB7 looks on a white background.

Color Contrast Check

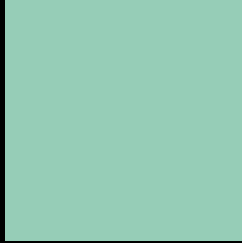
Large Text (above 18pt) WCAG AA × Fail

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 96CDB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

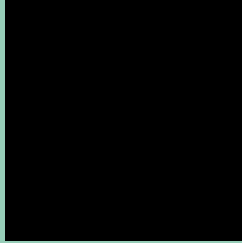
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

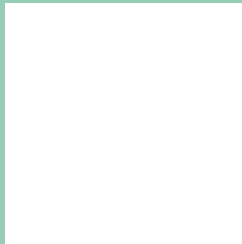
Any Text WCAG AAA ✓ Pass

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

Hex 96CDB7 Background



This preview shows how black text looks on a background with the Hex color 96CDB7.

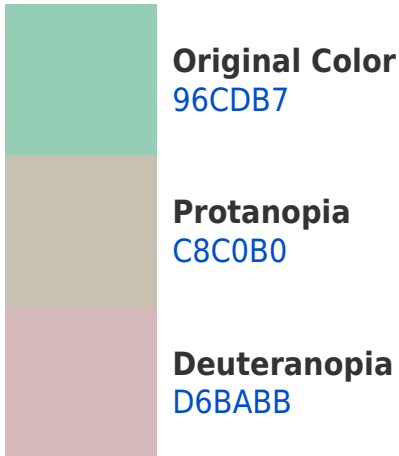


This preview shows how white text looks on a background with the Hex color 96CDB7.

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



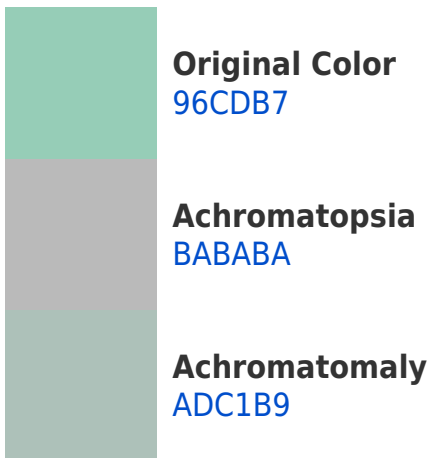


Tritanopia
9DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96CDB7 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 #96CDB7 looks like.

```
.text, #text, p{  
    color:#96CDB7  
}
```

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 #96CDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CDB7
}
```

Border

The CSS property to change the border of an element to Hex 96CDB7 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
#96CDB7 }
```

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

```
.border{ border-color:#96CDB7 }
```

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

Here you see how a box with a 4 pixel #96CDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CDB7; -webkit-box-shadow:4px 4px  
4px 4px #96CDB7; box-shadow:4px 4px 4px  
4px #96CDB7 }
```

Background

The CSS property to change the background color of an element to Hex 96CDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CDB7 }
```

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

```
.background{ background-color:#96CDB7 }
```

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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