

Converting Colors

Hex(96CD9F)

Have a look what the booklet for
Hex(96CD9F) contains.

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Color

Hex(96CD9F)

Conversions

Conversions Part 1

Format	Color
Hex	96CD9F
RGB	150, 205, 159
RGB Percent	59%, 80%, 62%
CMY	0.4118, 0.1961, 0.3765
CMYK	0.27, 0.00, 0.22, 0.20
HSL	130°, 35%, 70%
HSV	130°, 27%, 80%
XYZ	40.6670, 52.6499, 40.8200
YIQ	183.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

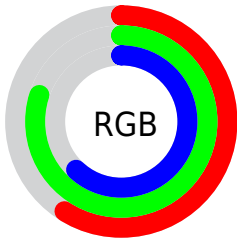
Format	Color
RYB	150, 197, 205
Decimal	9883039
CIELab	77.67, -26.98, 17.28
CIELCh	78, 32.038, 147.350
Yxy	52.6499, 0.3032, 0.3925
Android (android.graphics.Color)	4288073119 (0xFF96CD9F)
YUV	183.3110, -11.9853, -29.2137
Hunter-Lab	72.5602, -26.9386, 17.4376

Details

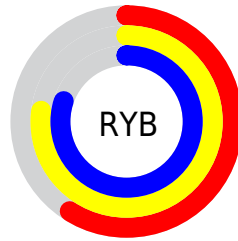
The Hex color **96CD9F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CD96C4**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CDFFD6**, and **62966B** is the 20% darker color. If you saturate the color by 10%, you get **82CD8E**, and if you desaturate by 10%, it is **ABCDB0**.

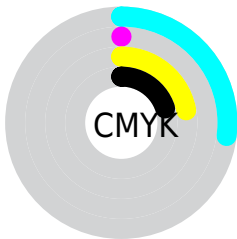
Distribution



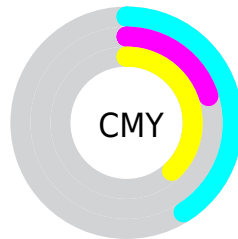
- Red (59%)
- Green (80%)
- Blue (62%)



- Red (59%)
- Yellow (77%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CD9F 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 96CD9F by changing the saturation by 10% instead.



96CD9F



96CD9F

FFFFFF



7BB185



CDFFD6



62966B



EAFFF2



487C53



30633C



164B26



003411



002000



000000



96CD9F



96CD9F

 82CD8E

 ABCDB0

 6DCD7D

 BFCDC1

 59CD6C

 D4CDD2

 44CD5A

 E8CDE4

 30CD49

 FDCDF5

 1BCD38

 FFCDF6

 07CD27

 00CD22

Harmonies

Analogous

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



B8C68B



96CD9F



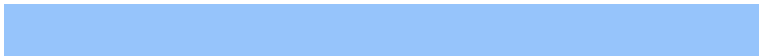
75D0BC

Triad

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



96CD9F



96C4FB



FBACA6

Complementary

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



96CD9F



CD96C4

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.



F8AAC4



96CD9F



C1B9F5

Square

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



96CD9F



6FCBF1



E3AFE0



EFB38F

Rectangle

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



96CD9F



65D0D1



E3AFE0



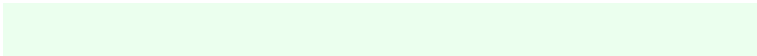
FCAAB0

Sweetspot

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



96CD9F



EBFFEE



C5CD96



738075



000000



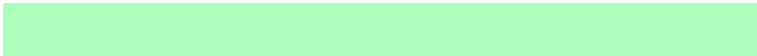
808080

Same Dimension

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



96CD9F



ADFFBB



96CDBA



5C665D



00A61B



002606

Inverse Universe

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



CD96C4



FFADF2



CD96A9



665C64



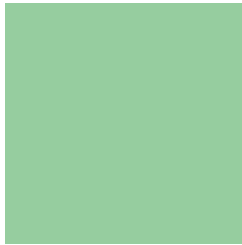
A6008B



260020

Previews

White Background



This preview shows how the Hex color 96CD9F looks on a white background.

Color Contrast Check

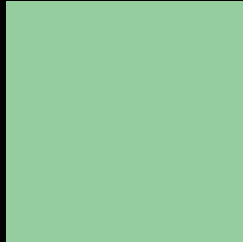
Large Text (above 18pt) WCAG AA × Fail

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 96CD9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

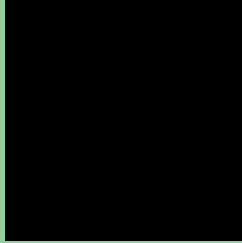
Any Text WCAG AA ✓ Pass

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 96CD9F Background



This preview shows how black text looks on a background with the Hex color 96CD9F.

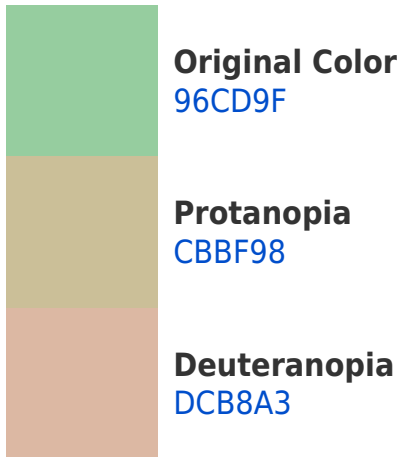


This preview shows how white text looks on a background with the Hex color 96CD9F.

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
A0C6D5

Trichromacy



Original Color
96CD9F



Protanomaly
B8C49B



Deuteranomaly
C3C0A2



Tritanomaly
9CC9C1

Monochromacy



Original Color
96CD9F



Achromatopsia
B7B7B7



Achromatomaly
ABBFAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 96CD9F 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 #96CD9F looks like.

```
.text, #text, p{  
    color:#96CD9F  
}
```

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 #96CD9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CD9F
}
```

Border

The CSS property to change the border of an element to Hex 96CD9F 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
#96CD9F }
```

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

```
.border{ border-color:#96CD9F }
```

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

Here you see how a box with a 4 pixel #96CD9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CD9F; -webkit-box-shadow:4px 4px  
4px 4px #96CD9F; box-shadow:4px 4px 4px  
4px #96CD9F }
```

Background

The CSS property to change the background color of an element to Hex 96CD9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CD9F }
```

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

```
.background{ background-color:#96CD9F }
```

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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