

# Converting Colors

Hex(96DD9D)

Have a look what the booklet for  
Hex(96DD9D) contains.

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**Color**

**Hex(96DD9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96DD9D
RGB	150, 221, 157
RGB Percent	59%, 87%, 62%
CMY	0.4118, 0.1333, 0.3843
CMYK	0.32, 0.00, 0.29, 0.13
HSL	126°, 51%, 73%
HSV	126°, 32%, 87%
XYZ	44.5199, 60.6313, 41.2548
YIQ	192.4750, -21.7720, -34.9560

# Conversions

## Conversions Part 2

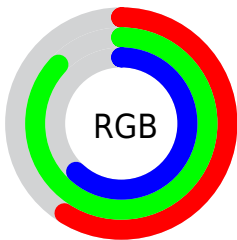
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 215, 221
Decimal	9887133
CIELab	82.18, -34.88, 24.55
CIElCh	82, 42.658, 144.859
Yxy	60.6313, 0.3041, 0.4141
Android (android.graphics.Color)	4288077213 (0xFF96DD9D)
YUV	192.4750, -17.4892, -37.2506
Hunter-Lab	77.8661, -34.2082, 23.0933

# Details

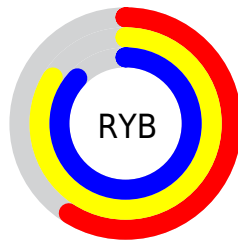
The Hex color **96DD9D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD96D6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CEFFD4**, and **60A569** is the 20% darker color. If you saturate the color by 10%, you get **80DD89**, and if you desaturate by 10%, it is **ACDDB1**.

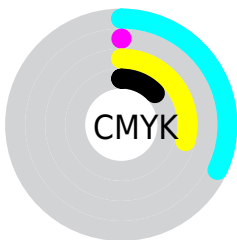
# Distribution



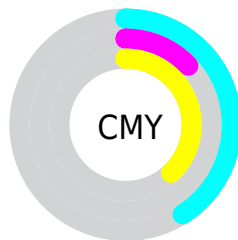
- Red (59%)
- Green (87%)
- Blue (62%)



- Red (59%)
- Yellow (84%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96DD9D 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 96DD9D by changing the saturation by 10% instead.



 96DD9D

 96DD9D

FFFFFF

 7BC183

 CEFFD4

 60A569

 EBFFF0

 468B51

 2B7139

 0B5822

 00400C

 002A00

 000E00

 000000

 96DD9D

 96DD9D

 80DD89

 ACDDB1

 6ADD75

 C2DDC5

 54DD61

 D8DDD9

 3EDD4D

 EEDEED

 28DD39

 FFDDFF

 11DD25

 00DD16

# Harmonies

## Analogous

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



C5D482



96DD9D



61E1C4

# Triad

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



96DD9D



87D2FF



FFAFAD

# Complementary

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



96DD9D



DD96D6

# 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.



FFAED5



96DD9D



C7C5FF

# Square

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



96DD9D



40DCFF



F8B6FB



FFBA8C

# Rectangle

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



96DD9D



3BE2E0



F8B6FB



FFAEBA

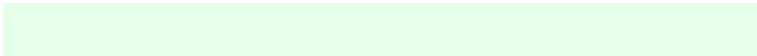


# Sweetspot

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



96DD9D



E6FFE8



D7DD96



708072



000000



808080

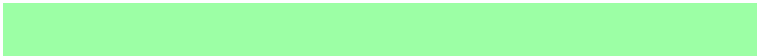


# Same Dimension

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



96DD9D



9CFFA5



96DDBF



636E64



00AD11



002E05



# Inverse Universe

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



DD96D6



FF9CF5



DD96B4



6E636D



AD009C

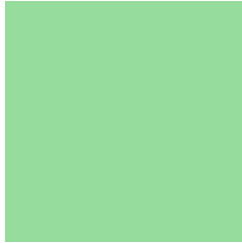


2E0029



# Previews

## White Background



This preview shows how the Hex color 96DD9D 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 96DD9D 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 96DD9D Background



This preview shows how black text looks on a background with the Hex color 96DD9D.

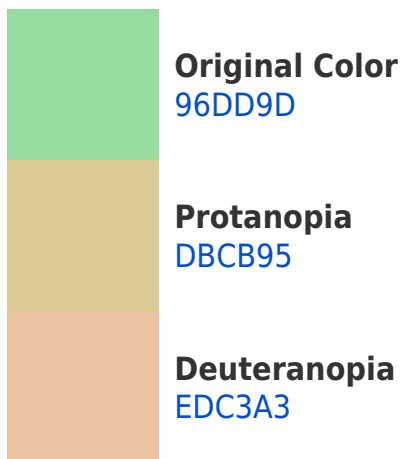


This preview shows how white text looks on a background with the Hex color 96DD9D.

# 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



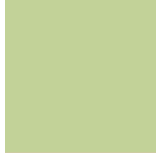


**Tritanopia**  
A4D4E5

# Trichromacy



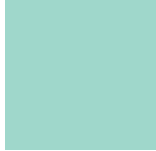
**Original Color**  
96DD9D



**Protanomaly**  
C2D298



**Deuteranomaly**  
CDCCA1

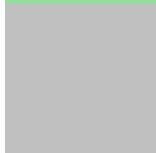


**Tritanomaly**  
9FD7CB

# Monochromacy



**Original Color**  
96DD9D



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
B1CBB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96DD9D 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 #96DD9D looks like.

```
.text, #text, p{  
    color:#96DD9D  
}
```

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 #96DD9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DD9D
}
```

## Border

The CSS property to change the border of an element to Hex 96DD9D 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
#96DD9D }
```

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

```
.border{ border-color:#96DD9D }
```

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

Here you see how a box with a 4 pixel #96DD9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DD9D; -webkit-box-shadow:4px 4px  
4px 4px #96DD9D; box-shadow:4px 4px 4px  
4px #96DD9D }
```

# Background

The CSS property to change the background color of an element to Hex 96DD9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DD9D }
```

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

```
.background{ background-color:#96DD9D }
```

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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