

# Converting Colors

Hex(96D783)

Have a look what the booklet for  
Hex(96D783) contains.

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**Color**

**Hex(96D783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D783
RGB	150, 215, 131
RGB Percent	59%, 84%, 51%
CMY	0.4118, 0.1569, 0.4863
CMYK	0.30, 0.00, 0.39, 0.16
HSL	106°, 51%, 68%
HSV	106°, 39%, 84%
XYZ	40.9748, 56.7236, 30.2619
YIQ	185.9890, -11.7760, -39.9040

# Conversions

## Conversions Part 2

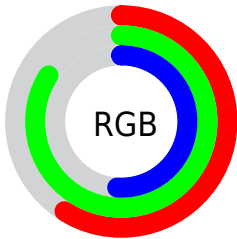
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 215, 196
Decimal	9885571
CIELab	80.02, -36.18, 35.04
CIElCh	80, 50.367, 135.920
Yxy	56.7236, 0.3202, 0.4433
Android (android.graphics.Color)	4288075651 (0xFF96D783)
YUV	185.9890, -27.1096, -31.5624
Hunter-Lab	75.3151, -34.6892, 28.8976

# Details

The Hex color **96D783** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C483D7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CEFFB9**, and **60A050** is the 20% darker color. If you saturate the color by 10%, you get **85D76E**, and if you desaturate by 10%, it is **A7D799**.

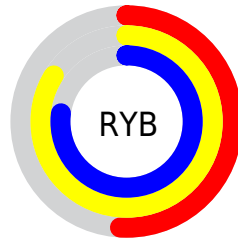
# Distribution



Red (59%)

Green (84%)

Blue (51%)



Red (51%)

Yellow (84%)

Blue (77%)

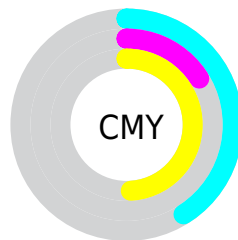


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D783 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 96D783 by changing the saturation by 10% instead.



 96D783

 96D783

FFFFFF

 7BBB69

 CEFFB9

 60A050

 EBFFD5

 468538

 FFFFF1

 2B6C20

 0B5305

 003B00

 002600

 000000

 96D783

 96D783

 85D76E

 A7D799

 75D758

 B7D7AE

 64D742

 C8D7C3

 53D72D

 D9D7D9

 43D717

 E9D7EE

 32D702

 FAD7FF

 31D700

 FFD7FF

# Harmonies

## Analogous

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



CBCC69



96D783



51DDAE

# Triad

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



96D783



43D2FF



FFA1AF

# Complementary

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



96D783



C483D7

# 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.



FFA3DF



96D783



A8C3FF

# Square

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



96D783



00DBFF



EBB1FF



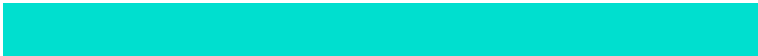
FFAB85

# Rectangle

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



96D783



00DFCF



EBB1FF



FFA0BF

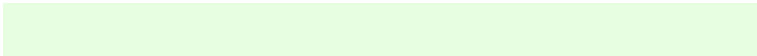


# Sweetspot

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



96D783



E7FFE0



D7C383



72806E



000000



808080



# Same Dimension

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



96D783



A2FF87



83D799



636B60



27AB00



0A2B00



# Inverse Universe

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



C483D7



E487FF



D783C1



69606B



8400AB



22002B



# Previews

## White Background



This preview shows how the Hex color 96D783 looks on a white background.

## Color Contrast Check

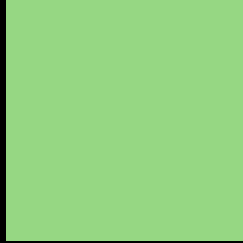
Large Text (above 18pt) WCAG AA × Fail

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 96D783 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 96D783 Background



This preview shows how black text looks on a background with the Hex color 96D783.

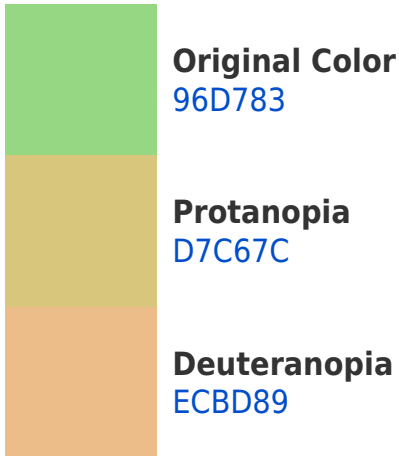


This preview shows how white text looks on a background with the Hex color 96D783.

# 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





# Trichromacy



**Original Color**  
96D783



**Protanomaly**  
BFCC7F



**Deuteranomaly**  
CDC687



**Tritanomaly**  
A0D0BC

# Monochromacy



**Original Color**  
96D783



**Achromatopsia**  
BABABA



**Achromatomaly**  
ADC5A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D783 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 #96D783 looks like.

```
.text, #text, p{  
    color:#96D783  
}
```

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 #96D783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D783
}
```

## Border

The CSS property to change the border of an element to Hex 96D783 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
#96D783 }
```

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

```
.border{ border-color:#96D783 }
```

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

Here you see how a box with a 4 pixel #96D783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D783; -webkit-box-shadow:4px 4px  
4px 4px #96D783; box-shadow:4px 4px 4px  
4px #96D783 }
```

# Background

The CSS property to change the background color of an element to Hex 96D783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D783 }
```

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

```
.background{ background-color:#96D783 }
```

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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