

# Converting Colors

Hex(97DFD5)

Have a look what the booklet for  
Hex(97DFD5) contains.

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**Color**

**Hex(97DFD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97DFD5
RGB	151, 223, 213
RGB Percent	59%, 87%, 84%
CMY	0.4078, 0.1255, 0.1647
CMYK	0.32, 0.00, 0.04, 0.13
HSL	172°, 53%, 73%
HSV	172°, 32%, 87%
XYZ	51.1604, 64.1588, 72.6382
YIQ	200.3320, -39.7020, -18.3740

# Conversions

## Conversions Part 2

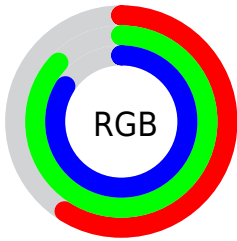
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 190, 223
Decimal	9953237
CIELab	84.05, -24.52, -2.26
CIELCh	84, 24.621, 185.264
Yxy	64.1588, 0.2722, 0.3413
Android (android.graphics.Color)	4288143317 (0xFF97DFD5)
YUV	200.3320, 6.2453, -43.2642
Hunter-Lab	80.0992, -26.1632, 2.3021

# Details

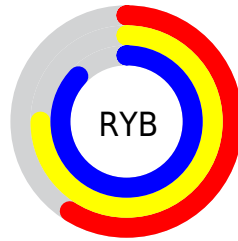
The Hex color **97DFD5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF97A1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CFFFFFF**, and **61A89E** is the 20% darker color. If you saturate the color by 10%, you get **81DFD2**, and if you desaturate by 10%, it is **ADDFD8**.

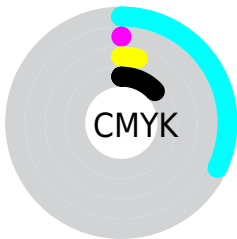
# Distribution



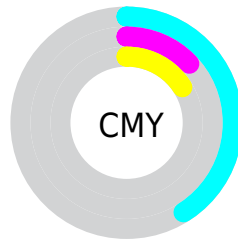
- Red (59%)
- Green (87%)
- Blue (84%)



- Red (59%)
- Yellow (75%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97DFD5 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 97DFD5 by changing the saturation by 10% instead.



 97DFD5

 97DFD5

FFFFFF

 7CC3B9

 CFFFFFF

 61A89E

 ECFFFF

 468D84

 2A736B

 065A53

 00433C

 002C26

 001712

 000000

 97DFD5

 97DFD5

 81DFD2

 ADDFD8

 6ADFCF

 C4DFDB

 54DFCC


 DADFDE

 3EDFC9

 F0DFE1

 27DFC6

 FFDFE4

 11DFC2

 FFDFE8

 00DFC0

 FFDFEB

 FFDFEE

 FFDFE1

# Harmonies

## Analogous

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



ABDDBE



97DFD5



91DEEC

# Triad

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



97DFD5



DBCAF7



F4CAA8

# Complementary

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



97DFD5



DF97A1

# 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.



FFC3B8



97DFD5



F3C4E5

# Square

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



97DFD5



BCD2FF



FFC1CE



DFD1A3

# Rectangle

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



97DFD5



99DBF7



FFC1CE



F9C7AC

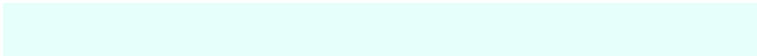


# Sweetspot

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



97DFD5



E6FFFB



A2DF97



70807D



000000



808080



# Same Dimension

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



97DFD5



9CFFF1



97C6DF



65706F



00B098



00302A



# Inverse Universe

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



DF97A1



FF9CA9



DFB097



706567



B00018

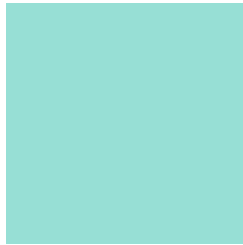


300007



# Previews

## White Background



This preview shows how the Hex color 97DFD5 looks on a white background.

## Color Contrast Check

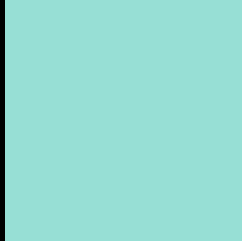
Large Text (above 18pt) WCAG AA × Fail

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 97DFD5 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

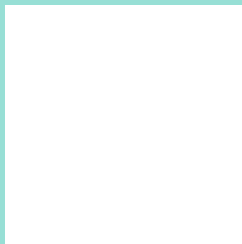
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97DFD5 Background



This preview shows how black text looks on a background with the Hex color 97DFD5.

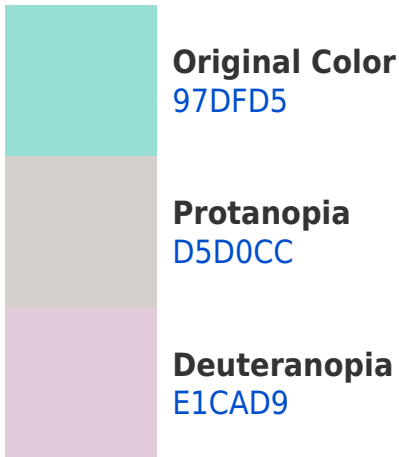


This preview shows how white text looks on a background with the Hex color 97DFD5.

# 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**  
9DDBED

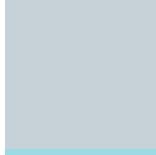
# Trichromacy



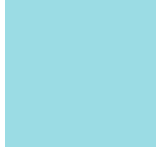
**Original Color**  
97DFD5



**Protanomaly**  
BED5CF



**Deuteranomaly**  
C6D2D8



**Tritanomaly**  
9BDCE4

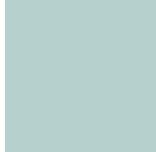
# Monochromacy



**Original Color**  
97DFD5



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B6D0CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97DFD5 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 #97DFD5 looks like.

```
.text, #text, p{  
    color:#97DFD5  
}
```

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 #97DFD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97DFD5  
}
```

## Border

The CSS property to change the border of an element to Hex 97DFD5 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  
#97DFD5 }
```

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

```
.border{ border-color:#97DFD5 }
```

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

Here you see how a box with a 4 pixel #97DFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97DFD5; -webkit-box-shadow:4px 4px  
4px 4px #97DFD5; box-shadow:4px 4px 4px  
4px #97DFD5 }
```

# Background

The CSS property to change the background color of an element to Hex 97DFD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97DFD5 }
```

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

```
.background{ background-color:#97DFD5 }
```

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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