

# Converting Colors

Hex(97D4E2)

Have a look what the booklet for  
Hex(97D4E2) contains.

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**Color**

**Hex(97D4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97D4E2
RGB	151, 212, 226
RGB Percent	59%, 83%, 89%
CMY	0.4078, 0.1686, 0.1137
CMYK	0.33, 0.06, 0.00, 0.11
HSL	191°, 56%, 74%
HSV	191°, 33%, 89%
XYZ	50.0334, 59.1573, 80.7330
YIQ	195.3570, -40.8500, -8.5780

# Conversions

## Conversions Part 2

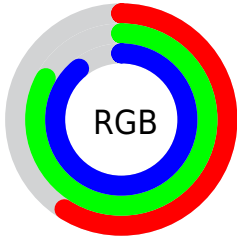
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 185, 226
Decimal	9950434
CIELab	81.38, -16.02, -13.13
CIElCh	81, 20.708, 219.340
Yxy	59.1573, 0.2634, 0.3115
Android (android.graphics.Color)	4288140514 (0xFF97D4E2)
YUV	195.3570, 15.1070, -38.9011
Hunter-Lab	76.9138, -18.4824, -8.3944

# Details

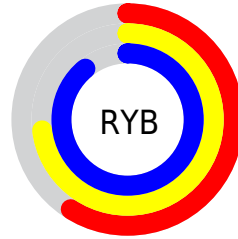
The Hex color **97D4E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2A597**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **CFFFFFF**, and **619DAB** is the 20% darker color. If you saturate the color by 10%, you get **80D0E2**, and if you desaturate by 10%, it is **AED8E2**.

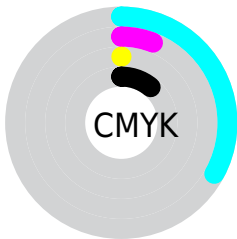
# Distribution



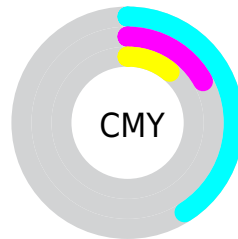
- Red (59%)
- Green (83%)
- Blue (89%)



- Red (59%)
- Yellow (73%)
- Blue (89%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D4E2 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 97D4E2 by changing the saturation by 10% instead.



■ 97D4E2

FFFFFF

■ CFFFFF

■ ECFFFF

■ 97D4E2

■ 7CB8C6

■ 619DAB

■ 468390

■ 2A6A77

■ 06525E

■ 003A46

■ 002530

■ 000B1B

■ 000000

97D4E2

97D4E2

80D0E2

AED8E2

6ACCE2

C4DCE2

53C7E2

DBE1E2

3DC3E2

F1E5E2

26BFE2

FFE9E2

0FBBE2

FFEDE2

00B8E2

FFF2E2

FFF6E2

FFFAE2

# Harmonies

## Analogous

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



99D6D0



97D4E2



A4D0EE

# Triad

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



97D4E2



E9BED8



D3CBA4

# Complementary

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



97D4E2



E2A597

# 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.



E5C4A6



97D4E2



F2BDC5

# Square

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



97D4E2



D5C3E8



F1BFB2



BDD1AC

# Rectangle

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



97D4E2



B4CCF1



F1BFB2



DAC9A4



# Sweetspot

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



97D4E2



E6FAFF



97E2A5



707D80



000000



808080

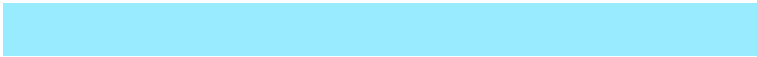


# Same Dimension

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



97D4E2



99ECFF



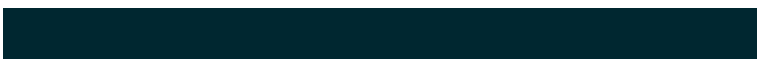
97AFE2



656E70



008FB0



002730



# Inverse Universe

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



E297D4



FF99EC



E2CA97



70656E



B0008F

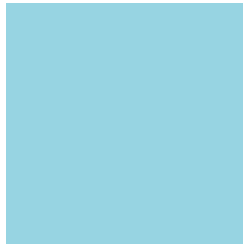


300027



# Previews

## White Background



This preview shows how the Hex color 97D4E2 looks on a white background.

## Color Contrast Check

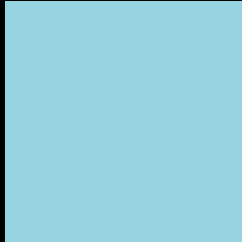
Large Text (above 18pt) WCAG AA × Fail

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 97D4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

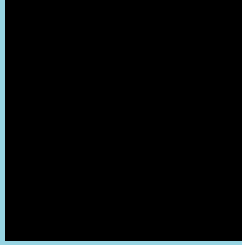
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97D4E2 Background



This preview shows how black text looks on a background with the Hex color 97D4E2.

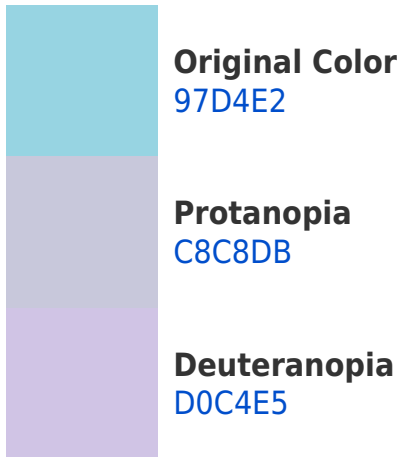


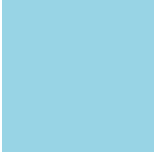
This preview shows how white text looks on a background with the Hex color 97D4E2.

# 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](#).

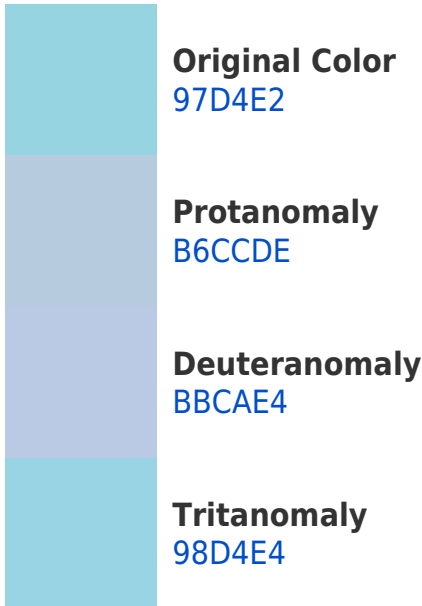
## Dichromacy



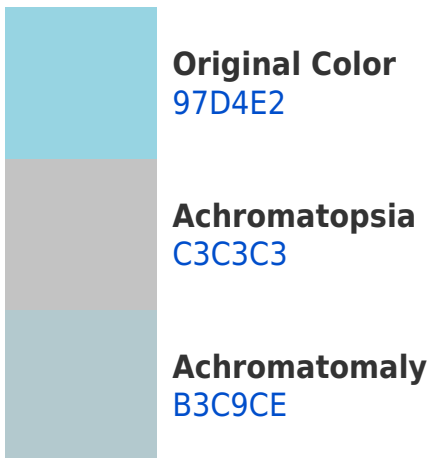


**Tritanopia**  
98D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D4E2 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 #97D4E2 looks like.

```
.text, #text, p{  
    color:#97D4E2  
}
```

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 #97D4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D4E2
}
```

## Border

The CSS property to change the border of an element to Hex 97D4E2 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
#97D4E2 }
```

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

```
.border{ border-color:#97D4E2 }
```

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

Here you see how a box with a 4 pixel #97D4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D4E2; -webkit-box-shadow:4px 4px  
4px 4px #97D4E2; box-shadow:4px 4px 4px  
4px #97D4E2 }
```

# Background

The CSS property to change the background color of an element to Hex 97D4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D4E2 }
```

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

```
.background{ background-color:#97D4E2 }
```

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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